

N SERIES

Air-Cooled Condensing Units - Technical Catalog

Featuring Bitzer™ Compressors
448A and 449A Refrigerants




REFRIGERATION
DIVISION RAE CORPORATION

4492 Hunt St - Pryor, OK 74361 - 918.825.7222 - Fax 800.264.5329 - www.century-refrigeration.com

Standard Features

- Direct drive condenser fans
- Fan motor contactors
- Poly-coated fan guard
- Liquid receiver with relief valve
- Receiver inlet and outlet ball valves
- Refrigerant charging Schrader port
- Compressor contactors
- Compressor overload protection
- Crankcase heater
- Compressor service valves
- Vibration isolation under compressor
- Discharge vibrasorber
- Head cooling fans when applicable on low temp units
- Separate sub-cooling circuit
- Fan motor overload protection
- Oversized, NEMA 3R control panel (to facilitate field-added electronic system controls) with hinged door
- Pre-wired electrical controls
- High pressure safety
- Low pressure operating control
- Rigging holes
- Oil failure control
- Run/Pumpdown switch
- 12 FPI max condensing surface
- Oversized high-efficiency condensers
- Condenser coil cleanout access
- Wiring raceway
- Electronic oil control

Applications

Century's N Series outdoor air cooled condensing units are specifically designed for commercial and industrial refrigeration duty cooling applications. They come completely pre-piped and wired with vertical air discharge. They also utilize a unique horizontal condenser and coil design and high volume condenser fans. Each unit is provided with a separate sub-cooling circuit to maximize unit performance. The N Series condensing unit is suitable for mounting at ground or rooftop levels.

N Series condensing units can be applied between the operating saturated suction temperatures of -40°F and 45°F, depending on the unit selected and the refrigerant utilized. For higher or lower operating temperatures, contact your local Century Representative.

N Series condensing units can be matched with Century Refrigeration's EPIC, FV Series, FH Series, BALV Series, A Series medium profile unit coolers, BOC Series large profile unit coolers, PFE Blast Cooler/Freezer unit coolers, WIBR Series unit coolers, and XBOC Series unit coolers. Applications ranging from low temperature product storage, produce ripening, or medium temperature product storage can be readily supported by the N Series condensing units.

Each N Series unit is designed to meet the demands of multiple load applications required for commercial and industrial refrigeration.

Refrigerants 448a and 449a are available to meet your product application. POE oils are utilized in units for these refrigerants. Consult your Century Representative for additional refrigerant application requirements.



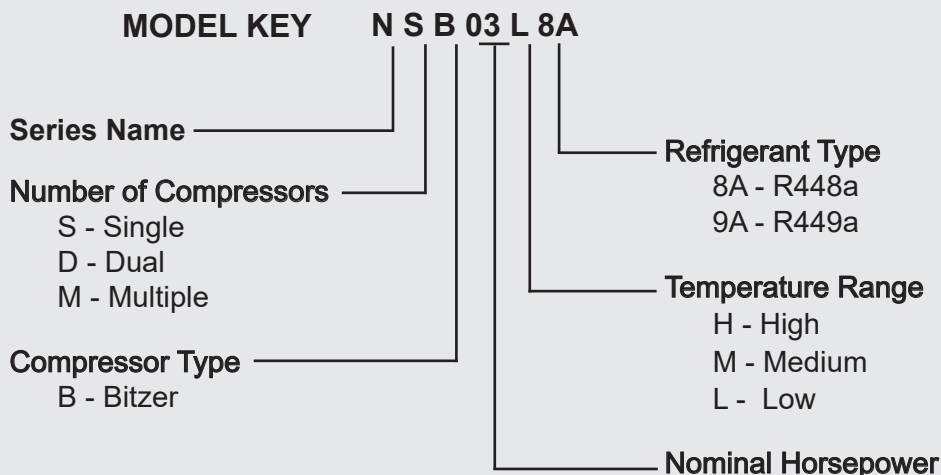
U.S. DEPARTMENT OF
ENERGY

Fully Compliant with 2020 DOE Requirements

Available Options

- + 20°F fan cycle with digital control (ambient temperatures at or above +20°F)
- 0°F fan cycle with digital control (ambient temperatures at or above 0°F)
- A20 flood control with receivers (ambient temperatures at or above +20°F)
- B20 flood control with receivers (ambient temperatures below +20°F, positive start feature)
- VFD compatible condenser fan motors with controller mounted
- Title 24 packages
- 850 RPM fan motors and optional low sound blades
- Special high air fan blades for high altitude locations
- Liquid line solenoid, mounted or shipped loose, with or without manual lift stem
- Liquid line drier (with or without replaceable core) & sight glass
- 3 valve bypass (liquid drier)
- Full port charging valve
- Hot gas discharge muffler
- Suction accumulator with or without heat exchanger
- Suction filter with or without replaceable core
- Suction vibrasorber, mounted
- Oil separator
- Control circuit transformer
- Convenience outlet (115v/15amp/with transformer)
- Unit circuit breaker with through-the-door operator
- Painted cabinet
- Defrost time clock
- Fused defrost heater contactor
- Fused evaporator fan contactor
- Fused defrost circuit
- Fused evaporator fan circuit
- Unit phase failure monitor
- Hot gas bypass
- Receiver insulation
- Compressor head cooling fan
- Cylinder unloading on most compressors
- Alarm circuit with dry contacts
- Adjustable guarantee off timer (GOT)
- Off/Pumpdown/Run switch
- Electrical door interlock
- Indicator lights
- Elapsed time meter
- Acrylic coated fin coil
- Single circuit option on dual compressor unit (includes oil separator with reservoir and individual floats)
- Electronic room thermostats mounted in unit with sensor shipped loose
- Mechanical or electronic room thermostat, shipped loose
- Contact your local Century Representative for other requested special options

Nomenclature



WHEN ORDERING PLEASE SPECIFY:

- Complete Model Number
- Refrigerant
- Room Temperature
- Saturated Suction Temperature
- Electrical Characteristic
 - Unit (Voltage/Phase)
 - Control Voltage
- Accessories

Note: Dual units are standard with dual electrical and refrigerant circuiting.
 Multiple units are standard with single electrical and refrigerant circuiting.

Construction

Cabinet

The rugged, industrial grade cabinet is constructed of heavy gauge, mill galvanized steel. Rigging holes are provided in the formed, full-perimeter channel base. Compressors are mounted low in the cabinet for ease of service.

Condensers

Coils are seamless copper tube with die stamped aluminum plate fins, galvanized steel frames and tube sheets. Coils are computer selected for refrigeration applications to provide optimum heat transfer at a minimum T.D. Each unit is provided with a separate, sub-cooling circuit to maximize unit performance.

Condenser fan motors are industrial duty 1140 RPM, ball bearing, weather resistant, three phase with inherent electrical protection. Condenser fan blades are of finished aluminum with a corrosion-resistant coated hub.

Coils are mounted horizontally with fans arranged for draw through, vertical discharge air flow. Each fan assembly is equipped with a sturdy poly-coated steel fan guard.

Liquid Receiver

Receivers are selected to provide pumpdown capacity (with condenser coil) considering a nominal 100ft. equivalent line length and a matching evaporator. Receivers smaller than 6 inches are U.L. listed. All larger receivers are ASME stamped. Each receiver is equipped with inlet and outlet ball valves, gauge port, and pressure relief device. Oversize receivers are available with or without, optional low ambient condenser flooding valves.

Compressors

U.L. listed, semi-hermetic, energy efficient, Bitzer™ compressors are applied throughout the line. Each compressor is equipped with suction and discharge service valves with gauge ports, inherent three phase overload protection, oil

level sight glass, crankcase heater, spring isolator mounting, inline discharge vibrasorber and an auxiliary head cooling fan and/or oil cooler (where required.)

Bitzer™ compressors are famous for their low sound levels. Bitzer™ changes capacities within a frame size by changing their bore diameters rather than the length of the piston strokes. This gives Bitzer™ compressors an unsurpassed balance and precision that translates to low decibels. In addition, Bitzer™ compressors have a muffler built into each head that eliminates pulsations and reduces the sound levels even further.

Bitzer's™ centrifugal lubrication design employs a solid metal disc mounted to the crankshaft that distributes oil into a reservoir at the end of the shaft. The oil then flows through the shaft to the bearing surfaces.

Controls

All condensing units are wired to operate on a standard pumpdown cycle. Run/ pumpdown switch is provided as standard.

All electrical control components are enclosed within a heavy-gauge weatherproof, hinged panel to provide maximum weather protection and enhance service analysis.

All units have individually numbered control conductors. Also standard are adjustable, refrigeration grade, separate high and low pressure switches (high-manual reset); oil pressure failure switch (manual reset) where applicable; and an individually numbered terminal strip for field connections. Conductors and fusing are selected per N.E.C. standards. A generously-sized enclosure is provided with adequate space to accommodate a complete defrost control system, either factory mounted and wired or field provided. Notably all Century control components are selected to be readily available through refrigeration wholesalers throughout the country. O.E.M. type controls are judiciously avoided.

R-448a - Low Temp		Model Numbers ^{5, 8}			
		NSB03L8A	NSB04L8A	NSB05L8A	NSB06L8A
Compressor Model Number		4FES-3	4EES-4	4DES-5	4VE(S)-7
Quantity of Compressors		1	1	1	1
MCA ¹ per circuit	208 V	28.0	31.0	35.5	39.3
	230 V	25.9	28.6	32.6	36.1
	460 V	12.9	14.3	16.3	18.0
	575 V	10.1	11.2	12.8	14.2
Compressor RLA (each)	208 V	17.9	20.3	23.9	27.0
	230 V	16.2	18.4	21.6	24.4
	460 V	8.1	9.2	10.8	12.2
	575 V	6.5	7.4	8.6	9.8
Total Number of Condenser Fan Motors		1	1	1	1
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		6x36	6x36	6x36	6x36
Receiver Capacity 80% Full per circuit (lbs.) ²		28	28	28	28
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	28	28	28	28
	w/ Flood Control ³	48	49	49	49
Suction Connection per circuit - ODS (in.) ⁹		1 3/8	1 3/8	1 5/8	1 5/8
Liquid Line Connection per circuit - ODS (in.)		5/8	5/8	5/8	5/8
Unit Shipping Weight - Approximate (lbs.)		1,266	1,275	1,281	1,410
Unit Operating Weight - Approximate (lbs.) ⁷		1,179	1,188	1,194	1,322

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-40° F	7,927	2.83	9,776	3.16	11,283	3.57	12,880	3.76
	-30° F	11,744	3.27	14,537	3.72	16,834	4.22	19,878	4.69
	-20° F	16,390	3.74	20,316	4.34	23,546	4.93	28,317	5.67
	-10° F	22,035	4.23	27,332	4.98	31,584	5.69	38,269	6.69
	0° F	28,823	4.73	35,593	5.65	41,048	6.48	49,949	7.75
95° F	-40° F ⁶	6,894	2.82	8,489	3.14	9,753	3.50	10,788	3.58
	-30° F	10,431	3.29	12,887	3.74	14,872	4.20	17,268	4.58
	-20° F	14,724	3.79	18,206	4.40	21,058	4.98	25,066	5.65
	-10° F	19,927	4.33	24,663	5.11	28,511	5.80	34,271	6.77
	0° F	26,221	4.89	32,342	5.85	37,240	6.67	45,046	7.92
105° F	-40° F	5,900	2.79	7,231	3.10	8,275	3.41	8,717	3.34
	-30° F	9,159	3.29	11,278	3.73	12,980	4.15	14,723	4.42
	-20° F	13,075	3.83	16,137	4.44	18,626	4.98	21,886	5.57
	-10° F	17,850	4.42	22,058	5.20	25,475	5.87	30,386	6.78
	0° F	23,644	5.02	29,163	6.01	33,523	6.81	40,281	8.03
115° F	-40° F	-	-	-	-	-	-	-	-
	-30° F	7,924	28.00	9,719	3.69	11,151	4.07	12,206	4.21
	-20° F	11,487	3.84	14,150	4.44	16,274	4.95	18,727	5.44
	-10° F	15,838	4.46	19,518	5.25	22,495	5.90	-	-
	0° F	21,116	5.12	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.

2 - Based on 80% full at 90°F ambient.

3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)

4 - KW is for the unit.

5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.

6 - Rated in accordance with ANSI/AHRI Standard 520-2004.

7 - Operating weight reflects flooded refrigerant charge.

8 - Dual units are standard with dual electrical and refrigerant circuiting.

9 - Size based on mounted optional suction line trim.

“-” - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for “M” and “H” models, and 5°F for “L” models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-448a - Low Temp		Model Numbers^{5,8}			
		NSB08L8A	NSB10L8A	NSB12L8A	NSB13L8A
Compressor Model Number		4TE(S)-9	4PE(S)-12	4NE(S)-14	4JE-15
Quantity of Compressors		1	1	1	1
MCA¹ per circuit	208 V	49.0	53.4	65.2	79.3
	230 V	44.8	48.8	59.9	72.7
	460 V	22.4	24.4	30.0	36.4
	575 V	17.7	19.3	23.5	28.6
Compressor RLA (each)	208 V	34.7	38.3	44.0	55.3
	230 V	31.4	34.6	39.8	50.0
	460 V	15.7	17.3	19.9	25.0
	575 V	12.6	13.8	15.9	20.0
Total Number of Condenser Fan Motors		1	1	2	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x42	8x42	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.)²		65	65	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard³	37	40	57	60
	w/ Flood Control³	58	67	98	99
Suction Connection per circuit - ODS (in.)⁹		1 5/8	2 1/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		5/8	5/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		1,478	1,640	1,761	1,914
Unit Operating Weight - Approximate (lbs.)⁷		1,433	1,595	1,716	1,869

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-40° F	16,704	4.48	17,482	4.56	23,414	6.64	27,853	7.87
	-30° F	24,954	5.60	26,959	5.85	34,923	8.16	41,634	9.39
	-20° F	34,670	6.79	38,278	7.22	48,937	9.74	57,935	11.02
	-10° F	46,080	8.05	51,581	8.65	65,711	11.38	76,801	12.75
	0° F	59,240	9.37	66,992	10.13	85,576	13.03	98,653	14.56
95° F	-40° F ⁶	14,319	4.30	14,546	4.27	19,978	6.38	23,912	7.75
	-30° F	21,967	5.51	23,299	5.66	30,689	8.03	36,805	9.38
	-20° F	30,986	6.80	33,775	7.14	43,642	9.76	52,038	11.14
	-10° F	41,488	8.17	45,991	8.69	59,188	11.55	69,582	13.01
	0° F	53,699	9.59	60,265	10.30	77,420	13.38	89,946	14.96
105° F	-40° F	11,937	4.07	11,697	3.90	16,576	6.05	20,009	7.60
	-30° F	19,014	5.37	19,715	5.40	26,451	7.82	32,000	9.33
	-20° F	27,330	6.76	29,308	6.99	38,312	9.69	46,085	11.21
	-10° F	36,980	8.22	40,439	8.66	52,577	11.63	62,347	13.20
	0° F	48,134	9.76	53,488	10.38	69,321	13.62	81,211	15.28
115° F	-40° F	-	-	-	-	-	-	-	-
	-30° F	16,115	5.18	16,232	5.05	22,284	7.53	27,293	9.23
	-20° F	23,738	6.66	24,875	6.75	32,981	9.54	40,176	11.22
	-10° F	-	-	-	-	45,858	11.63	-	-
	0° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
“-” - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-448a - Low Temp		Model Numbers ^{5, 8}			
		NSB15L8A	NSB20L8A	NSB22L8A	NSB25L8A
Compressor Model Number		4HE-18	4GE-23	6JE-25	6HE-28
Quantity of Compressors		1	1	1	1
MCA ¹ per circuit	208 V	85.1	98.9	112.9	134.2
	230 V	78.0	90.4	103.6	122.8
	460 V	39.0	45.2	51.8	61.4
	575 V	30.7	35.7	40.7	48.4
Compressor RLA (each)	208 V	59.9	71.0	78.5	95.5
	230 V	54.2	64.2	71.0	86.4
	460 V	27.1	32.1	35.5	43.2
	575 V	21.7	25.7	28.4	34.6
Total Number of Condenser Fan Motors		2	2	3	3
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x60	8x60	8x60	10x60
Receiver Capacity 80% Full per circuit (lbs.) ²		94	94	94	144
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	67	76	76	111
	w/ Flood Control ³	108	137	137	191
Suction Connection per circuit - ODS (in.) ⁹		2 1/8	2 1/8	2 5/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		7/8	7/8	7/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		1,892	2,121	2,240	2,562
Unit Operating Weight - Approximate (lbs.) ⁷		1,880	2,109	2,229	2,608

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-40° F	33,815	9.29	41,522	10.83	42,182	11.75	50,945	13.90
	-30° F	49,693	11.03	59,945	12.79	62,469	14.01	74,522	16.46
	-20° F	67,970	12.95	81,481	14.97	86,466	16.46	102,504	19.27
	-10° F	89,082	15.03	106,321	17.35	114,325	19.05	134,904	22.27
	0° F	113,320	17.24	135,055	19.88	146,859	21.76	172,486	25.44
95° F	-40° F ⁶	29,572	9.27	37,055	10.91	36,387	11.58	44,458	13.88
	-30° F	44,398	11.14	54,245	13.02	55,317	14.01	66,527	16.63
	-20° F	61,437	13.19	74,277	15.37	77,731	16.64	92,653	19.65
	-10° F	81,031	15.42	97,289	17.92	103,672	19.43	122,839	22.89
	0° F	103,488	17.78	123,747	20.66	134,082	22.35	157,847	26.31
105° F	-40° F	25,399	9.23	32,672	10.99	30,637	11.35	37,862	13.83
	-30° F	39,147	11.20	48,610	13.22	48,197	13.93	58,530	16.74
	-20° F	54,973	13.39	67,074	15.72	68,917	16.73	82,668	19.96
	-10° F	72,955	15.75	88,111	18.45	93,123	19.71	110,648	23.41
	0° F	93,608	18.26	112,347	21.37	121,145	22.83	142,903	27.07
115° F	-40° F	-	-	-	-	-	-	-	-
	-30° F	34,026	11.23	43,108	13.40	41,222	13.77	50,448	16.79
	-20° F	-	-	59,906	16.04	60,178	16.73	72,582	20.18
	-10° F	-	-	-	-	-	-	-	-
	0° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
-.- - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-448a - Low Temp		Model Numbers ^{5, 8}			
		NSB30L8A	NSB40L8A	NDB06L8A	NDB08L8A
Compressor Model Number		6GE-34	6FE-44	4FES-3	4EES-4
Quantity of Compressors		1	1	2	2
MCA ¹ per circuit	208 V	156.0	185.0	28.0	31.0
	230 V	142.9	169.2	25.9	28.6
	460 V	71.5	84.6	12.9	14.3
	575 V	56.2	66.7	10.1	11.2
Compressor RLA (each)	208V	109.3	132.5	17.9	20.3
	230 V	98.8	119.8	16.2	18.4
	460 V	49.4	59.9	8.1	9.2
	575 V	39.5	47.9	6.5	7.4
Total Number of Condenser Fan Motors		4	4	2	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		10x60	10x60	6x36	6x36
Receiver Capacity 80% Full per circuit (lbs.) ²		144	144	28	28
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	111	119	28	28
	w/ Flood Control ³	191	220	48	49
Suction Connection per circuit - ODS (in.) ⁹		2 5/8	2 5/8	1 3/8	1 3/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	5/8	5/8
Unit Shipping Weight - Approximate (lbs.)		2,628	3,034	2,553	2,571
Unit Operating Weight - Approximate (lbs.) ⁷		2,674	3,080	2,316	2,334

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-40° F	64,951	16.82	75,010	20.26	15,888	5.67	19,552	6.33
	-30° F	92,151	19.76	108,453	23.65	23,573	6.53	29,074	7.45
	-20° F	123,861	23.04	147,782	27.38	32,912	7.47	40,631	8.67
	-10° F	160,594	26.58	193,114	31.39	44,266	8.44	54,664	9.97
	0° F	202,717	30.37	245,505	35.61	57,985	9.43	71,186	11.31
95° F	-40° F ⁶	58,045	16.85	65,686	20.45	13,840	5.64	16,977	6.28
	-30° F	83,757	20.01	97,657	24.06	20,948	6.57	25,774	7.48
	-20° F	113,520	23.52	134,627	28.07	29,556	7.58	36,411	8.80
	-10° F	147,484	27.35	176,903	32.39	40,054	8.66	49,326	10.22
	0° F	186,677	31.42	225,397	36.94	52,731	9.76	64,685	11.70
105° F	-40° F	50,851	16.85	56,161	20.61	11,851	5.59	14,462	6.19
	-30° F	75,054	20.19	86,557	24.43	18,381	6.57	22,555	7.46
	-20° F	102,831	23.92	121,146	28.67	26,285	7.66	32,274	8.88
	-10° F	134,281	27.99	160,493	33.26	35,901	8.82	44,116	10.41
	0° F	170,062	32.35	205,114	38.12	47,579	10.03	58,326	12.02
115° F	-40° F	-	-	-	-	-	-	-	-
	-30° F	65,977	20.30	75,166	24.74	15,910	6.52	19,437	7.37
	-20° F	91,682	24.23	107,363	29.19	23,081	7.68	28,300	8.87
	-10° F	-	-	-	-	31,843	8.93	39,037	10.51
	0° F	-	-	-	-	42,523	10.23	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
“-” - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-448a - Low Temp		Model Numbers ^{5, 8}			
		NDB10L8A	NDB12L8A	NDB16L8A	NDB20L8A
Compressor Model Number		4DES-5	4VE(S)-7	4TE(S)-9	4PE(S)-12
Quantity of Compressors		2	2	2	2
MCA ¹ per circuit	208 V	35.5	39.3	49.0	53.4
	230 V	32.6	36.1	44.8	48.8
	460 V	16.3	18.0	22.4	24.4
	575 V	12.8	14.2	17.7	19.3
Compressor RLA (each)	208 V	23.9	27.0	34.7	38.3
	230 V	21.6	24.4	31.4	34.6
	460 V	10.8	12.2	15.7	17.3
	575 V	8.6	9.8	12.6	13.8
Total Number of Condenser Fan Motors		2	2	2	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		6x36	6x36	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.) ²		28	28	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	28	28	37	40
	w/ Flood Control ³	49	49	58	67
Suction Connection per circuit - ODS (in.) ⁹		1 5/8	1 5/8	1 5/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		5/8	5/8	5/8	5/8
Unit Shipping Weight - Approximate (lbs.)		2,584	2,840	2,977	3,303
Unit Operating Weight - Approximate (lbs.) ⁷		2,347	2,604	2,826	3,151

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-40° F	22,566	7.13	25,760	7.53	33,408	8.95	34,965	9.12
	-30° F	33,667	8.44	39,756	9.38	49,908	11.19	53,918	11.71
	-20° F	47,092	9.87	56,634	11.35	69,341	13.58	76,556	14.44
	-10° F	63,167	11.39	76,538	13.39	92,160	16.10	103,163	17.30
	0° F	82,095	12.97	99,898	15.50	118,481	18.74	133,984	20.27
95° F	-40° F ⁶	19,506	7.01	21,576	7.15	28,639	8.60	29,093	8.53
	-30° F	29,745	8.41	34,536	9.16	43,935	11.02	46,598	11.33
	-20° F	42,117	9.95	50,131	11.30	61,971	13.61	67,551	14.29
	-10° F	57,022	11.61	68,542	13.53	82,975	16.33	91,983	17.39
	0° F	74,480	13.34	90,092	15.84	107,398	19.18	120,530	20.60
105° F	-40° F	16,551	6.82	17,434	6.68	23,873	8.14	23,393	7.81
	-30° F	25,960	8.31	29,447	8.84	38,027	10.74	39,431	10.79
	-20° F	37,251	9.96	43,772	11.15	54,660	13.52	58,615	13.98
	-10° F	50,950	11.75	60,771	13.56	73,960	16.45	80,878	17.31
	0° F	67,045	13.63	80,562	16.06	96,267	19.51	106,975	20.77
115° F	-40° F	-	-	-	-	-	-	-	-
	-30° F	22,303	8.14	24,412	8.42	32,229	10.35	32,464	10.11
	-20° F	32,547	9.90	37,454	10.88	47,475	13.32	49,749	13.51
	-10° F	44,990	11.80	-	-	-	-	-	-
	0° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
“-” - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for “M” and “H” models, and 5°F for “L” models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-448a - Low Temp		Model Numbers ^{5,8}			
		NDB24L8A	NDB26L8A	NDB30L8A	NDB40L8A
Compressor Model Number		4NE(S)-14	4JE-15	4HE-18	4GE-23
Quantity of Compressors		2	2	2	2
MCA ¹ per circuit	208 V	65.2	79.3	85.1	98.9
	230 V	59.9	72.7	78.0	90.4
	460 V	30.0	36.4	39.0	45.2
	575 V	23.5	28.6	30.7	35.7
Compressor RLA (each)	208 V	44.0	55.3	59.9	71.0
	230 V	39.8	50.0	54.2	64.2
	460 V	19.9	25.0	27.1	32.1
	575 V	15.9	20.0	21.7	25.7
Total Number of Condenser Fan Motors		4	4	4	4
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x42	8x42	8x60	8x60
Receiver Capacity 80% Full per circuit (lbs.) ²		65	65	94	94
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	57	60	67	78
	w/ Flood Control ³	98	99	108	140
Suction Connection per circuit - ODS (in.) ⁹		2 1/8	2 1/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		7/8	7/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		3,551	3,849	3,805	4,262
Unit Operating Weight - Approximate (lbs.) ⁷		3,399	3,697	3,720	4,177

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-40° F	46,828	13.29	55,706	15.75	67,629	18.59	83,043	21.65
	-30° F	69,846	16.31	83,268	18.78	99,385	22.07	119,890	25.58
	-20° F	97,874	19.49	115,870	22.04	135,941	25.91	162,962	29.95
	-10° F	131,423	22.75	153,603	25.50	178,164	30.05	212,641	34.70
	0° F	171,152	26.06	197,306	29.11	226,641	34.47	270,110	39.76
95° F	-40° F ⁶	39,956	12.76	47,824	15.51	59,143	18.54	74,110	21.83
	-30° F	61,378	16.05	73,610	18.76	88,797	22.27	108,490	26.04
	-20° F	87,285	19.52	104,076	22.29	122,873	26.39	148,555	30.74
	-10° F	118,376	23.10	139,165	26.02	162,063	30.83	194,578	35.85
	0° F	154,840	26.75	179,891	29.91	206,975	35.56	247,494	41.32
105° F	-40° F	33,152	12.10	40,018	15.19	50,799	18.45	65,343	21.98
	-30° F	52,902	15.63	64,001	18.66	78,294	22.40	97,221	26.45
	-20° F	76,623	19.38	92,170	22.42	109,946	26.77	134,147	31.45
	-10° F	105,155	23.27	124,694	26.41	145,911	31.49	176,222	36.90
	0° F	138,642	27.24	162,422	30.56	187,216	36.51	224,694	42.74
115° F	-40° F	-	-	-	-	-	-	-	-
	-30° F	44,569	15.06	54,586	18.46	68,053	22.46	86,216	26.81
	-20° F	65,962	19.08	80,352	22.43	-	-	119,811	32.08
	-10° F	91,717	23.26	-	-	-	-	-	-
	0° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
 2 - Based on 80% full at 90°F ambient.
 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
 4 - KW is for the unit.
 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
 7 - Operating weight reflects flooded refrigerant charge.
 8 - Dual units are standard with dual electrical and refrigerant circuiting.
 9 - Size based on mounted optional suction line trim.
 “-” - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for “M” and “H” models, and 5°F for “L” models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-448a - Low Temp		Model Numbers ^{5, 8}			
		NDB44L8A	NDB50L8A	NDB60L8A	NDB80L8A
Compressor Model Number		6JE-25	6HE-28	6GE-34	6FE-44
Quantity of Compressors		2	2	2	2
MCA ¹ per circuit	208 V	112.9	134.2	156.0	185.0
	230 V	103.6	122.8	142.9	169.2
	460 V	51.8	61.4	71.5	84.6
	575 V	40.7	48.4	56.2	66.7
Compressor RLA (each)	208 V	78.5	95.5	109.3	132.5
	230 V	71.0	86.4	98.8	119.8
	460 V	35.5	43.2	49.4	59.9
	575 V	28.4	34.6	39.5	47.9
Total Number of Condenser Fan Motors		6	6	8	8
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x60	10x60	10x60	10x60
Receiver Capacity 80% Full per circuit (lbs.) ²		94	144	144	144
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	76	111	111	119
	w/ Flood Control ³	137	191	191	220
Suction Connection per circuit - ODS (in.) ⁹		2 5/8	2 5/8	2 5/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		7/8	1 1/8	1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		4,502	5,145	5,277	6,100
Unit Operating Weight - Approximate (lbs.) ⁷		4,417	5,175	5,307	6,129

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-40° F	84,365	23.50	101,890	27.80	129,901	33.63	150,020	40.52
	-30° F	124,937	28.02	149,043	32.93	184,301	39.52	216,905	47.30
	-20° F	172,932	32.91	205,007	38.54	247,722	46.08	295,564	54.77
	-10° F	228,651	38.10	269,807	44.54	321,188	53.16	386,228	62.78
	0° F	293,717	43.51	344,973	50.87	405,435	60.74	491,010	71.21
95° F	-40° F ⁶	72,775	23.15	88,915	27.77	116,090	33.71	131,372	40.89
	-30° F	110,633	28.01	133,055	33.27	167,514	40.01	195,313	48.13
	-20° F	155,462	33.28	185,306	39.31	227,040	47.05	269,254	56.15
	-10° F	207,345	38.87	245,679	45.79	294,967	54.70	353,807	64.77
	0° F	268,164	44.69	315,694	52.61	373,353	62.85	450,794	73.88
105° F	-40° F	61,274	22.69	75,724	27.66	101,703	33.71	112,323	41.23
	-30° F	96,394	27.85	117,060	33.48	150,109	40.37	173,113	48.85
	-20° F	137,834	33.46	165,336	39.92	205,662	47.84	242,293	57.35
	-10° F	186,246	39.42	221,296	46.83	268,562	55.98	320,986	66.52
	0° F	242,290	45.65	285,805	54.13	340,123	64.70	410,228	76.24
115° F	-40° F	-	-	-	-	-	-	-	-
	-30° F	82,444	27.55	100,896	33.59	131,955	40.60	150,333	49.48
	-20° F	120,356	33.47	145,163	40.36	183,365	48.45	214,726	58.39
	-10° F	-	-	-	-	-	-	-	-
	0° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.

2 - Based on 80% full at 90°F ambient.

3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)

4 - KW is for the unit.

5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.

6 - Rated in accordance with ANSI/AHRI Standard 520-2004.

7 - Operating weight reflects flooded refrigerant charge.

8 - Dual units are standard with dual electrical and refrigerant circuiting.

9 - Size based on mounted optional suction line trim.

“-” - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for “M” and “H” models, and 5°F for “L” models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-448a - Medium Temp		Model Numbers^{5, 8}			
		NSB05M8A	NSB06M8A	NSB08M8A	NSB09M8A
Compressor Model Number		4FES-5	4EES-6	4DES-7	4CES-9
Quantity of Compressors		1	1	1	1
MCA¹ per circuit	208 V	41.8	42.6	47.9	58.1
	230 V	38.4	39.1	43.9	53.1
	460 V	19.2	19.5	21.9	26.6
	575 V	15.1	15.4	17.3	21.0
Compressor RLA (each)	208 V	29.0	29.6	33.8	42.0
	230 V	26.2	26.8	30.6	38.0
	460 V	13.1	13.4	15.3	19.0
	575 V	10.5	10.7	12.2	15.2
Total Number of Condenser Fan Motors		1	1	1	1
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		6x36	6x36	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.) ²		28	28	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	28	29	56	56
	w/ Flood Control ³	49	53	87	87
Suction Connection per circuit - ODS (in.) ⁹		1 3/8	1 5/8	1 5/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		5/8	5/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		1,286	1,317	1,371	1,370
Unit Operating Weight - Approximate (lbs.) ⁷		1,198	1,229	1,326	1,325

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	22,196	4.22	27,401	4.99	32,312	5.65	39,825	6.81
	0° F	29,032	4.70	35,808	5.63	42,304	6.38	51,714	7.74
	10° F	37,192	5.17	45,790	6.27	54,219	7.11	65,795	8.69
	20° F	46,848	5.62	57,492	6.92	68,262	7.82	82,210	9.67
	25° F	52,293	5.84	64,050	7.24	76,122	8.18	91,041	10.16
	30° F	58,164	6.05	70,935	7.56	84,584	8.53	100,384	10.66
	45° F	78,051	6.66	93,604	8.52	112,340	9.56	131,320	12.20
95° F	-10° F	20,134	4.33	24,805	5.12	29,212	5.77	36,184	6.99
	0° F	26,433	4.85	32,534	5.82	38,429	6.57	47,136	8.01
	10° F	34,003	5.37	41,739	6.53	49,431	7.38	60,107	9.06
	20° F ⁶	42,956	5.89	52,580	7.24	62,465	8.18	75,345	10.14
	25° F	47,997	6.13	58,667	7.60	69,772	8.58	83,671	10.69
	30° F	53,436	6.38	65,223	7.96	77,651	8.98	92,383	11.24
	45° F ⁶	72,193	7.08	86,451	9.02	103,791	10.15	121,277	12.95
105° F	-10° F	18,090	4.41	22,238	5.21	26,170	5.85	32,615	7.13
	0° F	23,866	4.98	29,308	5.97	34,610	6.72	42,629	8.23
	10° F	30,797	5.55	37,737	6.74	44,701	7.61	54,495	9.38
	20° F	39,037	6.12	47,724	7.52	56,638	8.50	68,455	10.56
	25° F	43,703	6.40	53,345	7.91	63,389	8.94	76,226	11.17
	30° F	48,746	6.67	59,359	8.30	70,680	9.38	-	-
	45° F	66,297	7.45	-	-	-	-	-	-
115° F	-10° F	16,060	4.46	19,714	5.26	23,155	5.88	29,080	7.22
	0° F	21,323	5.08	-	-	30,805	6.83	-	-
	10° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
“-” - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for “M” and “H” models, and 5°F for “L” models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-448a - Medium Temp		Model Numbers ^{5, 8}			
		NSB10M8A	NSB12M8A	NSB15M8A	NSB20M8A
Compressor Model Number		4VE(S)-10	4TE(S)-12	4PE(S)-15	4NE(S)-20
Quantity of Compressors		1	1	1	1
MCA ¹ per circuit	208 V	58.7	70.8	85.1	98.9
	230 V	53.6	64.6	78.0	90.4
	460 V	26.8	32.3	39.0	45.2
	575 V	21.2	25.6	30.7	35.7
Compressor RLA (each)	208 V	42.5	52.2	59.9	71.0
	230 V	38.4	47.2	54.2	64.2
	460 V	19.2	23.6	27.1	32.1
	575 V	15.4	18.9	21.7	25.7
Total Number of Condenser Fan Motors		1	1	2	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x42	8x60	8x60	8x60
Receiver Capacity 80% Full per circuit (lbs.) ²		65	94	94	94
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	56	83	83	82
	w/ Flood Control ³	87	124	124	144
Suction Connection per circuit - ODS (in.) ⁹		2 1/8	2 1/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		7/8	1 1/8	1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		1,503	1,586	1,797	1,842
Unit Operating Weight - Approximate (lbs.) ⁷		1,458	1,574	1,786	1,831

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	39,714	6.61	48,562	7.91	54,622	9.74	66,957	11.24
	0° F	52,341	7.56	63,546	9.08	72,412	11.07	87,617	12.78
	10° F	67,334	8.49	81,189	10.25	93,558	12.38	112,177	14.30
	20° F	84,883	9.42	101,466	11.41	118,494	13.66	140,975	15.81
	25° F	94,216	9.88	112,253	12.00	132,326	14.30	156,397	16.55
	30° F	104,149	10.33	123,702	12.58	146,566	14.93	172,674	17.30
95° F	45° F	137,030	11.69	161,540	14.33	194,307	16.77	227,063	19.50
	-10° F	35,625	6.69	43,819	8.06	48,841	9.83	60,497	11.41
	0° F	47,258	7.74	57,568	9.34	65,172	11.30	79,527	13.11
	10° F	61,011	8.77	73,841	10.62	84,640	12.76	102,061	14.80
	20° F ⁶	77,170	9.79	92,671	11.90	107,542	14.19	128,583	16.46
	25° F	86,022	10.30	102,753	12.54	120,460	14.89	143,323	17.28
105° F	30° F	95,238	10.80	113,360	13.17	133,983	15.58	158,436	18.10
	45° F ⁶	125,928	12.28	-	-	178,471	17.62	209,261	20.51
	-10° F	31,612	6.72	39,153	8.14	43,141	9.83	54,150	11.50
	0° F	42,181	7.86	51,685	9.54	58,018	11.45	71,506	13.35
	10° F	54,798	8.99	66,488	10.93	75,741	13.05	92,106	15.19
	20° F	69,593	10.10	83,856	12.32	96,790	14.61	116,389	17.01
115° F	25° F	77,855	10.65	-	-	108,545	15.39	129,915	17.92
	30° F	-	-	-	-	121,334	16.14	-	-
	45° F	-	-	-	-	-	-	-	-
	-10° F	27,597	6.69	34,512	8.16	37,564	9.75	47,843	11.50
0° F	-	-	-	-	50,943	11.50	-	-	
10° F	-	-	-	-	-	-	-	-	

- 1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
- 2 - Based on 80% full at 90°F ambient.
- 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
- 4 - KW is for the unit.
- 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
- 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
- 7 - Operating weight reflects flooded refrigerant charge.
- 8 - Dual units are standard with dual electrical and refrigerant circuiting.
- 9 - Size based on mounted optional suction line trim.
- "-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-448a - Medium Temp		Model Numbers ^{5, 8}			
		NSB22M8A	NSB25M8A	NSB30M8A	NSB33M8A
Compressor Model Number		4JE-22	4HE-25	4GE-30	6JE-33
Quantity of Compressors		1	1	1	1
MCA ¹ per circuit	208 V	105.0	131.2	153.0	168.8
	230 V	95.9	120.0	139.8	154.1
	460 V	48.0	60.0	69.9	77.0
	575 V	37.9	47.3	55.2	60.9
Compressor RLA (each)	208 V	75.9	93.1	110.6	123.2
	230 V	68.6	84.2	100.0	111.4
	460 V	34.3	42.1	50.0	55.7
	575 V	27.4	33.7	40.0	44.6
Total Number of Condenser Fan Motors		2	3	3	3
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x60	8x60	8x60	10x60
Receiver Capacity 80% Full per circuit (lbs.) ²		94	94	94	144
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	92	102	129	139
	w/ Flood Control ³	152	184	210	259
Suction Connection per circuit - ODS (in.) ⁹		2 5/8	2 5/8	2 5/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	1 3/8	1 3/8
Unit Shipping Weight - Approximate (lbs.)		2,100	2,300	2,318	2,642
Unit Operating Weight - Approximate (lbs.) ⁷		2,088	2,288	2,307	2,688

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	76,173	12.51	91,965	15.75	105,485	17.70	112,703	18.70
	0° F	99,658	14.20	119,497	17.65	136,501	19.90	147,718	21.16
	10° F	127,329	15.90	151,915	19.55	172,650	22.15	189,041	23.64
	20° F	159,467	17.61	189,674	21.45	214,495	24.41	237,421	26.11
	25° F	177,148	18.46	210,765	22.39	236,528	25.54	264,470	27.34
	30° F	195,224	19.32	232,658	23.32	259,830	26.67	292,361	28.57
95° F	45° F	255,717	21.87	304,443	26.09	336,594	30.05	385,033	32.22
	-10° F	68,627	12.79	83,533	16.19	96,036	18.22	101,487	19.09
	0° F	90,422	14.63	109,043	18.26	124,547	20.62	133,972	21.78
	10° F	115,971	16.49	138,918	20.34	157,746	23.05	172,395	24.49
	20° F ⁶	145,717	18.35	173,798	22.42	196,131	25.49	217,248	27.20
	25° F	162,285	19.28	193,153	23.45	216,895	26.72	242,246	28.55
105° F	30° F	179,344	20.21	213,881	24.47	238,367	27.94	269,109	29.88
	45° F ⁶	235,756	22.98	280,865	27.47	309,766	31.53	356,040	33.85
	-10° F	61,070	13.00	75,042	16.56	86,426	18.68	90,258	19.37
	0° F	81,022	14.98	98,349	18.79	112,485	21.24	120,218	22.27
	10° F	104,518	16.99	125,745	21.04	142,605	23.85	155,478	25.20
	20° F	131,875	19.00	157,740	23.28	177,512	26.47	196,941	28.12
115° F	25° F	146,992	20.01	175,495	24.40	196,940	27.77	220,258	29.57
	30° F	-	-	194,523	25.50	-	-	245,148	31.02
	45° F	-	-	-	-	-	-	-	-
	-10° F	53,441	13.13	66,434	16.86	76,759	19.06	78,830	19.52
	0° F	-	-	-	-	-	-	-	-
	10° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
“-” - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for “M” and “H” models, and 5°F for “L” models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-448a - Medium Temp		Model Numbers ^{5, 8}			
		NSB35M8A	NSB40M8A	NSB50M8A	NDB10M8A
Compressor Model Number		6HE-35	6GE-40	6FE-50	4FES-5
Quantity of Compressors		1	1	1	2
MCA ¹ per circuit	208 V	180.9	214.3	267.5	41.8
	230 V	165.0	195.6	244.2	38.4
	460 V	82.5	97.8	122.1	19.2
	575 V	65.3	77.3	96.5	15.1
Compressor RLA (each)	208 V	132.9	155.9	194.8	29.0
	230 V	120.2	141.0	176.2	26.2
	460 V	60.1	70.5	88.1	13.1
	575 V	48.1	56.4	70.5	10.5
Total Number of Condenser Fan Motors		3	4	5	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		10x60	12x60	12x60	6x36
Receiver Capacity 80% Full per circuit (lbs.) ²		144	202	202	28
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	151	198	198	28
	w/ Flood Control ³	259	332	332	49
Suction Connection per circuit - ODS (in.) ⁹		2 5/8	3 1/8	3 1/8	1 3/8
Liquid Line Connection per circuit - ODS (in.)		1 3/8	1 5/8	1 5/8	5/8
Unit Shipping Weight - Approximate (lbs.)		2,647	3,104	3,226	2,592
Unit Operating Weight - Approximate (lbs.) ⁷		2,693	3,217	3,338	2,355

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	133,713	21.89	155,585	26.02	189,010	31.74	44,391	8.44
	0° F	173,213	24.86	200,977	29.29	243,437	35.71	58,063	9.39
	10° F	219,428	27.90	254,156	32.59	306,274	39.79	74,384	10.33
	20° F	272,324	31.00	315,722	35.89	376,988	43.93	93,697	11.24
	25° F	300,358	32.57	349,261	37.55	414,663	45.99	104,586	11.67
	30° F	330,023	34.15	383,945	39.18	453,872	48.08	116,329	12.10
	45° F	427,919	38.94	497,962	44.04	581,558	54.34	156,103	13.32
95° F	-10° F	121,318	22.49	141,813	26.77	172,404	32.58	40,268	8.65
	0° F	157,922	25.70	183,806	30.31	222,563	36.87	52,865	9.71
	10° F	200,628	29.00	232,636	33.90	280,404	41.26	68,007	10.75
	20° F ⁶	249,919	32.35	289,215	37.49	345,932	45.71	85,913	11.77
	25° F	276,094	34.05	320,296	39.29	380,482	47.93	95,993	12.27
	30° F	303,614	35.75	352,765	41.07	416,370	50.18	106,872	12.76
	45° F ⁶	-	-	458,422	46.31	-	-	144,386	14.15
105° F	-10° F	108,794	22.98	127,725	27.39	155,402	33.26	36,180	8.82
	0° F	142,394	26.43	166,220	31.19	201,493	37.84	47,731	9.96
	10° F	181,432	29.97	210,887	35.05	254,021	42.53	61,594	11.11
	20° F	226,574	33.57	262,320	38.92	313,632	47.28	78,075	12.24
	25° F	-	-	290,878	40.84	-	-	87,406	12.79
	30° F	-	-	321,061	42.76	-	-	97,493	13.34
	45° F	-	-	-	-	-	-	132,595	14.90
115° F	-10° F	95,978	23.36	113,151	27.90	-	-	32,119	8.92
	0° F	-	-	-	-	-	-	42,646	10.15
	10° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
“-” - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for “M” and “H” models, and 5°F for “L” models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-448a - Medium Temp		Model Numbers ^{5, 8}			
		NDB12M8A	NDB16M8A	NDB18M8A	NDB20M8A
Compressor Model Number		4EES-6	4DES-7	4CES-9	4VE(S)-10
Quantity of Compressors		2	2	2	2
MCA ¹ per circuit	208 V	42.6	47.9	58.1	58.7
	230 V	39.1	43.9	53.1	53.6
	460 V	19.5	21.9	26.6	26.8
	575 V	15.4	17.3	21.0	21.2
Compressor RLA (each)	208 V	29.6	33.8	42.0	42.5
	230 V	26.8	30.6	38.0	38.4
	460 V	13.4	15.3	19.0	19.2
	575 V	10.7	12.2	15.2	15.4
Total Number of Condenser Fan Motors		2	2	2	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		6x36	8x42	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.) ²		28	65	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	29	56	56	56
	w/ Flood Control ³	53	87	87	87
Suction Connection per circuit - ODS (in.) ⁹		1 5/8	1 5/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		5/8	7/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		2,655	2,763	2,760	3,028
Unit Operating Weight - Approximate (lbs.) ⁷		2,418	2,612	2,608	2,876

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	54,801	9.99	64,625	11.31	79,649	13.63	79,428	13.22
	0° F	71,616	11.26	84,608	12.76	103,427	15.48	104,682	15.12
	10° F	91,579	12.54	108,439	14.21	131,590	17.39	134,667	16.99
	20° F	114,984	13.83	136,525	15.65	164,420	19.33	169,766	18.84
	25° F	128,100	14.47	152,244	16.36	182,082	20.32	188,433	19.75
	30° F	141,871	15.11	169,169	17.06	200,769	21.31	208,299	20.66
	45° F	187,207	17.04	224,681	19.12	262,640	24.40	274,060	23.37
95° F	-10° F	49,611	10.23	58,424	11.54	72,368	13.98	71,250	13.39
	0° F	65,068	11.63	76,858	13.14	94,271	16.02	94,516	15.47
	10° F	83,477	13.06	98,862	14.76	120,213	18.12	122,021	17.54
	20° F ⁶	105,160	14.49	124,930	16.37	150,689	20.27	154,341	19.58
	25° F	117,334	15.20	139,545	17.16	167,342	21.38	172,043	20.59
	30° F	130,445	15.91	155,301	17.95	184,765	22.48	190,476	21.59
	45° F ⁶	172,901	18.05	207,582	20.30	242,554	25.91	251,855	24.56
105° F	-10° F	44,476	10.41	52,339	11.69	65,230	14.25	63,224	13.44
	0° F	58,615	11.93	69,221	13.44	85,259	16.46	84,362	15.71
	10° F	75,473	13.49	89,402	15.22	108,990	18.76	109,597	17.97
	20° F	95,448	15.04	113,277	17.00	136,911	21.12	139,185	20.20
	25° F	106,689	15.82	126,778	17.88	152,453	22.33	155,710	21.30
	30° F	118,718	16.61	141,360	18.76	-	-	-	-
	45° F	-	-	-	-	-	-	-	-
115° F	-10° F	39,429	10.52	46,309	11.77	58,160	14.44	55,194	13.37
	0° F	-	-	61,610	13.65	-	-	-	-
	10° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
“-” - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for “M” and “H” models, and 5°F for “L” models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-448a - Medium Temp		Model Numbers ^{5, 8}			
		NDB24M8A	NDB30M8A	NDB40M8A	NDB44M8A
Compressor Model Number		4TE(S)-12	4PE(S)-15	4NE(S)-20	4JE-22
Quantity of Compressors		2	2	2	2
MCA ¹ per circuit	208 V	70.8	85.1	98.9	105.0
	230 V	64.6	78.0	90.4	95.9
	460 V	32.3	39.0	45.2	48.0
	575 V	25.6	30.7	35.7	37.9
Compressor RLA (each)	208 V	52.2	59.9	71.0	75.9
	230 V	47.2	54.2	64.2	68.6
	460 V	23.6	27.1	32.1	34.3
	575 V	18.9	21.7	25.7	27.4
Total Number of Condenser Fan Motors		2	4	4	4
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x60	8x60	8x60	8x60
Receiver Capacity 80% Full per circuit (lbs.) ²		94	94	94	94
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	83	83	82	92
	w/ Flood Control ³	124	124	144	152
Suction Connection per circuit - ODS (in.) ⁹		2 1/8	2 1/8	2 1/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		3,194	3,617	3,705	4,222
Unit Operating Weight - Approximate (lbs.) ⁷		3,108	3,532	3,620	4,137

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	97,124	15.83	109,244	19.47	133,915	22.49	152,345	25.02
	0° F	127,092	18.16	144,825	22.14	175,234	25.56	199,316	28.39
	10° F	162,377	20.50	187,117	24.76	224,355	28.60	254,658	31.79
	20° F	202,931	22.82	236,987	27.33	281,950	31.61	318,935	35.21
	25° F	224,505	23.99	264,652	28.60	312,793	33.11	354,296	36.92
	30° F	247,405	25.16	293,131	29.85	345,348	34.59	390,449	38.64
	45° F	323,079	28.67	388,614	33.53	454,126	39.00	511,435	43.75
95° F	-10° F	87,637	16.12	97,681	19.66	120,994	22.83	137,255	25.58
	0° F	115,137	18.68	130,345	22.60	159,054	26.22	180,845	29.26
	10° F	147,683	21.24	169,280	25.51	204,121	29.59	231,942	32.98
	20° F ⁶	185,342	23.80	215,083	28.38	257,166	32.92	291,434	36.70
	25° F	205,505	25.07	240,920	29.77	286,645	34.56	324,570	38.56
	30° F	226,720	26.34	267,966	31.16	316,872	36.20	358,689	40.43
	45° F ⁶	-	-	356,941	35.24	418,521	41.03	471,511	45.96
105° F	-10° F	78,306	16.28	86,282	19.67	108,300	23.00	122,139	26.00
	0° F	103,370	19.07	116,037	22.89	143,012	26.70	162,044	29.97
	10° F	132,976	21.86	151,482	26.09	184,211	30.38	209,035	33.98
	20° F	167,713	24.63	193,580	29.23	232,778	34.02	263,750	38.00
	25° F	-	-	217,090	30.77	259,831	35.83	293,984	40.02
	30° F	-	-	242,669	32.29	-	-	-	-
	45° F	-	-	-	-	-	-	-	-
115° F	-10° F	69,024	16.33	75,128	19.50	95,687	22.99	106,881	26.25
	0° F	-	-	101,886	23.00	-	-	-	-
	10° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
“-” - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for “M” and “H” models, and 5°F for “L” models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-448a - Medium Temp		Model Numbers ^{5, 8}			
		NDB50M8A	NDB60M8A	NDB66M8A	NDB70M8A
Compressor Model Number		4HE-25	4GE-30	6JE-33	6HE-35
Quantity of Compressors		2	2	2	2
MCA ¹ per circuit	208 V	131.2	153.0	168.8	180.9
	230 V	120.0	139.8	154.1	165.0
	460 V	60.0	69.9	77.0	82.5
	575 V	47.3	55.2	60.9	65.3
Compressor RLA (each)	208 V	93.1	110.6	123.2	132.9
	230 V	84.2	100.0	111.4	120.2
	460 V	42.1	50.0	55.7	60.1
	575 V	33.7	40.0	44.6	48.1
Total Number of Condenser Fan Motors		6	6	6	6
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x60	8x60	10x60	10x60
Receiver Capacity 80% Full per circuit (lbs.) ²		94	94	144	144
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	102	129	139	151
	w/ Flood Control ³	184	210	259	259
Suction Connection per circuit - ODS (in.) ⁹		2 5/8	2 5/8	2 5/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 3/8	1 3/8	1 3/8
Unit Shipping Weight - Approximate (lbs.)		4,621	4,658	5,305	5,316
Unit Operating Weight - Approximate (lbs.) ⁷		4,536	4,572	5,335	5,346

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	183,930	31.50	210,970	35.40	225,407	37.40	267,427	43.78
	0° F	238,993	35.29	273,002	39.81	295,436	42.32	346,426	49.71
	10° F	303,830	39.11	345,299	44.30	378,083	47.28	438,856	55.79
	20° F	379,349	42.90	428,991	48.82	474,843	52.22	544,647	62.00
	25° F	421,531	44.77	473,056	51.08	528,939	54.67	600,716	65.14
	30° F	465,316	46.65	519,660	53.34	584,722	57.14	660,045	68.30
95° F	45° F	608,887	52.18	673,188	60.09	770,065	64.45	855,837	77.88
	-10° F	167,066	32.38	192,071	36.45	202,973	38.19	242,635	44.99
	0° F	218,085	36.51	249,093	41.23	267,945	43.57	315,844	51.41
	10° F	277,835	40.69	315,491	46.10	344,790	48.98	401,255	57.99
	20° F ⁶	347,596	44.83	392,261	50.98	434,496	54.39	499,838	64.70
	25° F	386,305	46.90	433,790	53.43	484,492	57.10	552,188	68.10
105° F	30° F	427,762	48.95	476,734	55.87	538,217	59.75	607,228	71.50
	45° F ⁶	561,730	54.95	619,531	63.07	712,079	67.69	-	-
	-10° F	150,085	33.12	172,852	37.36	180,516	38.73	217,589	45.96
	0° F	196,697	37.59	224,970	42.48	240,435	44.54	284,788	52.85
	10° F	251,489	42.09	285,209	47.70	310,957	50.40	362,864	59.93
	20° F	315,479	46.56	355,024	52.93	393,882	56.25	453,149	67.13
115° F	25° F	350,991	48.79	393,879	55.53	440,515	59.14	-	-
	30° F	389,045	51.00	-	-	490,296	62.04	-	-
	45° F	-	-	-	-	-	-	-	-
	-10° F	132,867	33.72	153,518	38.11	157,660	39.04	191,957	46.72
	0° F	-	-	-	-	-	-	-	-
	10° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
“-” - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for “M” and “H” models, and 5°F for “L” models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-448a - Medium Temp		Model Numbers ^{5,6}	
		NDB80M8A	NDB100M8A
Compressor Model Number		6GE-40	6FE-50
Quantity of Compressors		2	2
MCA ¹ per circuit	208 V	214.3	267.5
	230 V	195.6	244.2
	460 V	97.8	122.1
	575 V	77.3	96.5
Compressor RLA (each)	208 V	155.9	194.8
	230 V	141.0	176.2
	460 V	70.5	88.1
	575 V	56.4	70.5
Total Number of Condenser Fan Motors		8	10
Size of Motor (HP)		1	1
Diameter of Blade (in.)		28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6
	230 V	4.6	4.6
	460 V	2.3	2.3
	575 V	1.6	1.6
Receiver Size per circuit (in.)		12x60	12x60
Receiver Capacity 80% Full per circuit (lbs.) ²		202	202
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	198	198
	w/ Flood Control ³	332	332
Suction Connection per circuit - ODS (in.) ⁹		3 1/8	3 1/8
Liquid Line Connection per circuit - ODS (in.)		1 5/8	1 5/8
Unit Shipping Weight - Approximate (lbs.)		6,240	6,485
Unit Operating Weight - Approximate (lbs.) ⁷		6,403	6,648

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.				
85° F	-10° F	311,170	52.04	378,020	63.48
	0° F	401,954	58.57	486,874	71.42
	10° F	508,311	65.17	612,548	79.59
	20° F	631,443	71.77	753,975	87.86
	25° F	698,522	75.09	829,327	91.99
	30° F	767,890	78.35	907,744	96.16
95° F	45° F	995,924	88.07	1,163,116	108.68
	-10° F	283,626	53.54	344,809	65.15
	0° F	367,612	60.62	445,127	73.74
	10° F	465,273	67.81	560,808	82.51
	20° F ⁶	578,431	74.98	691,864	91.42
	25° F	640,592	78.59	760,964	95.87
105° F	30° F	705,529	82.13	832,740	100.35
	45° F ⁶	916,844	92.62	-	-
	-10° F	255,450	54.79	310,804	66.53
	0° F	332,439	62.39	402,986	75.67
	10° F	421,774	70.10	508,042	85.05
	20° F	524,640	77.84	627,265	94.56
115° F	25° F	581,755	81.67	-	-
	30° F	642,122	85.52	-	-
	45° F	-	-	-	-
	-10° F	226,302	55.80	-	-
115° F	0° F	125,517	17.78	22,123	7.10
	10° F	140,916	18.51	26,285	7.66

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
“-” - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for “M” and “H” models, and 5°F for “L” models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-448a - High Temp		Model Numbers^{5, 8}			
		NSB05H8A	NSB06H8A	NSB08H8A	NSB09H8A
Compressor Model Number		4FES-5	4EES-6	4DES-7	4CES-9
Quantity of Compressors		1	1	1	1
MCA¹ per circuit	208 V	41.8	42.6	52.5	62.7
	230 V	38.4	39.1	48.5	57.7
	460 V	19.2	19.5	24.2	28.8
	575 V	15.1	15.4	18.9	22.6
Compressor RLA (each)	208 V	29.0	29.6	33.8	42.0
	230 V	26.2	26.8	30.6	38.0
	460 V	13.1	13.4	15.3	19.0
	575 V	10.5	10.7	12.2	15.2
Total Number of Condenser Fan Motors		1	1	2	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x42	8x42	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.)²		65	65	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard³	41	41	57	60
	w/ Flood Control³	72	86	98	100
Suction Connection per circuit - ODS (in.)⁹		1 3/8	1 5/8	1 5/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		5/8	5/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		1,350	1,500	1,598	1,732
Unit Operating Weight - Approximate (lbs.)⁷		1,305	1,455	1,554	1,687

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	22,432	4.20	27,986	4.95	32,936	6.72	40,803	7.84
	0° F	29,404	4.66	36,685	5.55	43,283	7.41	53,253	8.70
	10° F	37,770	5.11	47,118	6.14	55,715	8.07	68,140	9.56
	20° F	47,699	5.53	59,529	6.71	70,526	8.70	85,785	10.39
	25° F	53,293	5.73	66,540	6.98	78,902	9.00	95,745	10.79
	30° F	59,366	5.92	74,065	7.24	87,951	9.29	106,493	11.18
95° F	-10° F	20,361	4.31	25,364	5.08	29,826	6.84	37,128	8.03
	0° F	26,796	4.83	33,411	5.75	39,406	7.61	48,646	9.00
	10° F	34,552	5.33	43,078	6.42	50,900	8.37	62,390	9.96
	20° F ⁶	43,777	5.81	54,567	7.07	64,667	9.10	78,810	10.91
	25° F	48,999	6.04	61,068	7.38	72,444	9.45	88,042	11.38
	30° F	54,645	6.27	68,139	7.69	80,855	9.79	98,012	11.84
105° F	-10° F	18,304	4.40	22,763	5.19	26,767	6.93	33,514	8.18
	0° F	24,217	4.96	30,151	5.92	35,515	7.78	44,061	9.24
	10° F	31,335	5.52	39,012	6.66	46,130	8.62	56,696	10.32
	20° F	39,852	6.06	49,645	7.38	58,808	9.45	71,788	11.39
	25° F	44,668	6.32	55,637	7.74	65,983	9.85	80,343	11.92
	30° F	49,917	6.58	62,165	8.09	73,807	10.24	89,598	12.44
115° F	-10° F	16,276	4.46	20,200	5.25	23,731	6.98	29,926	8.30
	0° F	21,659	5.06	26,920	6.04	31,691	7.90	39,519	9.45
	10° F	28,133	5.67	35,001	6.85	41,349	8.83	51,037	10.63
	20° F	35,936	6.27	-	-	52,969	9.75	-	-
	25° F	-	-	-	-	-	-	-	-
	30° F	-	-	-	-	-	-	-	-
	45° F	-	-	-	-	-	-	-	-

- 1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
- 2 - Based on 80% full at 90°F ambient.
- 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
- 4 - KW is for the unit.
- 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
- 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
- 7 - Operating weight reflects flooded refrigerant charge.
- 8 - Dual units are standard with dual electrical and refrigerant circuiting.
- 9 - Size based on mounted optional suction line trim.
- "-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-448a - High Temp		Model Numbers^{5, 8}			
		NSB10H8A	NSB12H8A	NSB15H8A	NSB20H8A
Compressor Model Number		4VE(S)-10	4TE(S)-12	4PE(S)-15	4NE(S)-20
Quantity of Compressors		1	1	1	1
MCA¹ per circuit	208 V	63.3	75.4	89.7	108.1
	230 V	58.2	69.2	82.6	99.6
	460 V	29.1	34.6	41.3	49.8
	575 V	22.8	27.2	32.3	38.9
Compressor RLA (each)	208 V	42.5	52.2	59.9	71.0
	230 V	38.4	47.2	54.2	64.2
	460 V	19.2	23.6	27.1	32.1
	575 V	15.4	18.9	21.7	25.7
Total Number of Condenser Fan Motors		2	2	3	4
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x42	8x60	8x60	10x60
Receiver Capacity 80% Full per circuit (lbs.)²		65	94	94	144
Unit Operating Charge per circuit (approx. lbs.)	Standard³	68	99	100	110
	w/ Flood Control²	129	181	181	230
Suction Connection per circuit - ODS (in.)⁹		2 1/8	2 1/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		7/8	1 1/8	1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		1,934	2,057	2,154	2,476
Unit Operating Weight - Approximate (lbs.)⁷		1,889	2,046	2,142	2,522

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	41,302	7.65	50,558	8.91	56,281	10.78	69,337	13.33
	0° F	54,850	8.51	66,664	9.96	74,942	12.03	91,433	14.72
	10° F	71,210	9.32	86,089	10.95	97,559	13.21	118,061	16.04
	20° F	90,778	10.06	109,233	11.87	124,557	14.31	150,021	17.24
	25° F	101,803	10.41	122,417	12.30	139,768	14.83	168,100	17.80
	30° F	113,867	10.73	136,591	12.70	156,318	15.31	187,662	18.32
95° F	45° F	155,733	11.57	186,114	13.77	214,094	16.61	256,284	19.67
	-10° F	37,138	7.76	45,737	9.09	50,377	10.91	62,815	13.54
	0° F	49,604	8.73	60,604	10.27	67,562	12.31	83,158	15.12
	10° F	64,703	9.66	78,482	11.41	88,414	13.66	107,742	16.63
	20° F ⁶	82,800	10.52	99,945	12.47	113,357	14.92	137,224	18.04
	25° F	93,042	10.93	112,126	12.97	127,478	15.53	154,027	18.69
105° F	30° F	104,205	11.31	125,225	13.46	142,767	16.11	172,238	19.32
	45° F ⁶	143,190	12.34	171,311	14.75	196,529	17.66	236,205	20.97
	-10° F	33,017	7.81	40,957	9.21	44,601	10.94	56,358	13.67
	0° F	44,446	8.90	54,545	10.52	60,326	12.50	75,018	15.42
	10° F	58,301	9.93	70,989	11.79	79,359	14.01	97,583	17.11
	20° F	74,882	10.92	90,649	13.00	102,254	15.44	124,611	18.72
115° F	25° F	84,349	11.38	101,906	13.56	115,191	16.13	140,158	19.47
	30° F	94,613	11.83	114,023	14.12	129,434	16.79	156,915	20.20
	45° F	130,838	13.04	156,722	15.63	179,095	18.61	216,094	22.18
	-10° F	28,963	7.81	36,242	9.26	38,897	10.89	49,998	13.71
	0° F	39,326	8.99	48,564	10.70	53,105	12.59	66,861	15.63
	10° F	51,890	10.14	63,536	12.10	70,384	14.26	87,400	17.50
115° F	20° F	67,081	11.24	81,476	13.44	91,239	15.85	112,167	19.29
	25° F	75,712	11.77	-	-	-	-	126,250	20.15
	30° F	-	-	-	-	-	-	-	-
	45° F	-	-	-	-	-	-	-	-

- 1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
- 2 - Based on 80% full at 90°F ambient.
- 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
- 4 - KW is for the unit.
- 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
- 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
- 7 - Operating weight reflects flooded refrigerant charge.
- 8 - Dual units are standard with dual electrical and refrigerant circuiting.
- 9 - Size based on mounted optional suction line trim.
- “-” - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for “M” and “H” models, and 5°F for “L” models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-448a - High Temp		Model Numbers^{5, 8}			
		NSB22H8A	NSB25H8A	NSB30H8A	NSB33H8A
Compressor Model Number		4JE-22	4HE-25	4GE-30	6JE-33
Quantity of Compressors		1	1	1	1
MCA ¹ per circuit	208 V	114.2	135.8	162.2	182.6
	230 V	105.1	124.6	149.0	167.9
	460 V	52.6	62.3	74.5	83.9
	575 V	41.1	48.9	58.4	65.7
Compressor RLA (each)	208 V	75.9	93.1	110.6	123.2
	230 V	68.6	84.2	100.0	111.4
	460 V	34.3	42.1	50.0	55.7
	575 V	27.4	33.7	40.0	44.6
Total Number of Condenser Fan Motors		4	4	5	6
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		10x60	12x60	12x60	12x60
Receiver Capacity 80% Full per circuit (lbs.) ²		144	202	202	202
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	122	156	175	188
	w/ Flood Control ³	230	291	309	347
Suction Connection per circuit - ODS (in.) ⁹		2 5/8	2 5/8	2 5/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	1 3/8	1 3/8
Unit Shipping Weight - Approximate (lbs.)		2,578	2,980	3,081	3,432
Unit Operating Weight - Approximate (lbs.) ⁷		2,624	3,092	3,194	3,544

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	78,282	14.58	93,975	16.69	108,291	19.66	115,586	21.84
	0° F	103,016	16.15	122,619	18.46	140,934	21.69	152,048	24.15
	10° F	132,317	17.68	156,771	20.19	179,601	23.69	195,692	26.40
	20° F	167,047	19.15	197,003	21.85	225,046	25.62	247,150	28.57
	25° F	186,535	19.86	219,555	22.65	250,621	26.54	276,314	29.60
	30° F	207,643	20.53	243,962	23.41	278,123	27.44	307,599	30.61
95° F	-10° F	70,774	14.90	85,590	17.16	98,864	20.22	104,321	22.28
	0° F	93,641	16.64	112,175	19.12	128,972	22.47	138,283	24.84
	10° F	120,915	18.35	143,733	21.06	164,639	24.69	178,816	27.36
	20° F ⁶	153,079	20.01	181,006	22.92	206,682	26.85	226,923	29.80
	25° F	171,247	20.81	201,973	23.82	230,220	27.89	253,909	30.99
	30° F	190,827	21.59	224,552	24.70	255,703	28.90	283,208	32.13
105° F	45° F ⁶	258,758	23.78	302,934	27.14	343,352	31.76	385,187	35.34
	-10° F	63,121	15.14	77,067	17.55	89,253	20.71	93,025	22.59
	0° F	84,231	17.04	101,475	19.70	116,860	23.15	124,373	25.40
	10° F	109,395	18.92	130,488	21.82	149,501	25.58	161,903	28.17
	20° F	139,086	20.76	164,776	23.89	187,993	27.95	206,359	30.87
	25° F	155,822	21.66	184,156	24.89	209,635	29.10	231,484	32.19
115° F	30° F	174,002	22.53	205,047	25.86	232,925	30.23	258,817	33.46
	45° F	237,070	24.99	277,576	28.60	313,762	33.40	353,990	37.07
	-10° F	55,447	15.29	68,413	17.88	79,561	21.13	81,616	22.79
	0° F	74,717	17.35	90,693	20.19	104,531	23.75	110,320	25.81
	10° F	97,757	19.40	117,152	22.49	134,099	26.37	144,688	28.82
	20° F	124,967	21.41	148,457	24.74	-	-	185,782	31.76
	25° F	-	-	-	-	-	-	-	-
	30° F	-	-	-	-	-	-	-	-
	45° F	-	-	-	-	-	-	-	-

- 1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
- 2 - Based on 80% full at 90°F ambient.
- 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
- 4 - KW is for the unit.
- 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
- 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
- 7 - Operating weight reflects flooded refrigerant charge.
- 8 - Dual units are standard with dual electrical and refrigerant circuiting.
- 9 - Size based on mounted optional suction line trim.
- "-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-448a - High Temp		Model Numbers ^{5, 8}			
		NSB35H8A	NSB40H8A	NSB50H8A	NDB10H8A
Compressor Model Number		6HE-35	6GE-40	6FE-50	4FES-5
Quantity of Compressors		1	1	1	2
MCA ¹ per circuit	208 V	194.7	223.5	272.1	41.8
	230 V	178.8	204.8	248.8	38.4
	460 V	89.4	102.4	124.4	19.2
	575 V	70.1	80.5	98.1	15.1
Compressor RLA (each)	208 V	132.9	155.9	194.8	29.0
	230 V	120.2	141.0	176.2	26.2
	460 V	60.1	70.5	88.1	13.1
	575 V	48.1	56.4	70.5	10.5
Total Number of Condenser Fan Motors		6	6	6	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		12x60	12x60	12x60	8x42
Receiver Capacity 80% Full per circuit (lbs.) ²		202	202	202	65
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	188	209	209	41
	w/ Flood Control ³	347	370	370	72
Suction Connection per circuit - ODS (in.) ⁹		2 5/8	3 1/8	3 1/8	1 3/8
Liquid Line Connection per circuit - ODS (in.)		1 3/8	1 5/8	1 5/8	5/8
Unit Shipping Weight - Approximate (lbs.)		3,440	3,466	3,512	2,721
Unit Operating Weight - Approximate (lbs.) ⁷		3,552	3,579	3,625	2,569

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	137,367	24.91	157,514	28.06	191,217	32.67	44,865	8.41
	0° F	179,007	27.65	204,048	31.20	246,847	36.52	58,807	9.33
	10° F	228,211	30.38	259,014	34.33	311,827	40.41	75,540	10.22
	20° F	286,196	33.04	323,059	37.40	386,842	44.29	95,399	11.06
	25° F	318,747	34.33	358,709	38.91	428,164	46.24	106,586	11.46
	30° F	353,747	35.60	396,878	40.39	470,906	48.14	118,732	11.84
95° F	45° F	473,540	39.23	523,784	44.62	610,133	53.81	160,935	12.88
	-10° F	125,071	25.56	143,869	28.83	174,651	33.54	40,721	8.63
	0° F	163,651	28.59	186,923	32.27	226,211	37.71	53,592	9.65
	10° F	209,235	31.62	237,415	35.72	285,874	41.96	69,103	10.66
	20° F ⁶	262,953	34.60	296,481	39.11	354,703	46.19	87,554	11.62
	25° F	293,024	36.06	329,356	40.78	392,544	48.31	97,998	12.09
105° F	30° F	325,576	37.49	364,561	42.42	432,829	50.39	109,289	12.53
	45° F ⁶	437,571	41.60	483,131	47.12	561,422	56.53	148,777	13.77
	-10° F	112,458	26.11	129,832	29.48	157,679	34.26	36,608	8.80
	0° F	148,059	29.40	169,271	33.21	204,860	38.75	48,434	9.92
	10° F	190,013	32.71	215,603	36.94	259,378	43.31	62,670	11.04
	20° F	239,458	35.99	269,541	40.64	322,051	47.87	79,703	12.12
115° F	25° F	267,248	37.60	299,658	42.45	356,431	50.15	89,336	12.64
	30° F	297,153	39.19	331,918	44.24	393,332	52.40	99,835	13.15
	45° F	400,941	43.75	-	-	-	-	136,608	14.57
	-10° F	99,654	26.54	115,200	30.02	140,120	34.83	32,552	8.91
	0° F	132,155	30.07	151,172	33.99	-	-	43,319	10.13
	10° F	170,474	33.65	-	-	-	-	56,266	11.34
115° F	20° F	-	-	-	-	-	-	71,873	12.53
	25° F	-	-	-	-	-	-	-	-
	30° F	-	-	-	-	-	-	-	-
	45° F	-	-	-	-	-	-	-	-

- 1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
- 2 - Based on 80% full at 90°F ambient.
- 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
- 4 - KW is for the unit.
- 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
- 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
- 7 - Operating weight reflects flooded refrigerant charge.
- 8 - Dual units are standard with dual electrical and refrigerant circuiting.
- 9 - Size based on mounted optional suction line trim.
- "-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-448a - High Temp		Model Numbers ^{5, 8}			
		NDB12H8A	NDB16H8A	NDB18H8A	NDB20H8A
Compressor Model Number		4EES-6	4DES-7	4CES-9	4VE(S)-10
Quantity of Compressors		2	2	2	2
MCA ¹ per circuit	208 V	42.6	52.5	62.7	63.3
	230 V	39.1	48.5	57.7	58.2
	460 V	19.5	24.2	28.8	29.1
	575 V	15.4	18.9	22.6	22.8
Compressor RLA (each)	208 V	29.6	33.8	42.0	42.5
	230 V	26.8	30.6	38.0	38.4
	460 V	13.4	15.3	19.0	19.2
	575 V	10.7	12.2	15.2	15.4
Total Number of Condenser Fan Motors		2	4	4	4
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x42	8x42	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.) ²		65	65	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	41	57	60	68
	w/ Flood Control ³	86	98	100	129
Suction Connection per circuit - ODS (in.) ⁹		1 5/8	1 5/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		5/8	7/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		3,020	3,218	3,484	3,890
Unit Operating Weight - Approximate (lbs.) ⁷		2,868	3,066	3,333	3,739

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	55,972	9.90	65,871	13.43	81,606	15.68	82,603	15.30
	0° F	73,370	11.10	86,567	14.81	106,506	17.41	109,700	17.02
	10° F	94,237	12.28	111,431	16.15	136,280	19.11	142,419	18.64
	20° F	119,058	13.41	141,052	17.41	171,571	20.78	181,557	20.12
	25° F	133,079	13.95	157,804	18.00	191,491	21.58	203,605	20.82
	30° F	148,130	14.49	175,903	18.58	212,986	22.36	227,734	21.45
	45° F	200,669	15.95	238,832	20.13	287,311	24.61	311,466	23.14
95° F	-10° F	50,727	10.17	59,651	13.69	74,256	16.07	74,276	15.52
	0° F	66,822	11.51	78,812	15.23	97,292	17.99	99,207	17.47
	10° F	86,155	12.84	101,800	16.75	124,780	19.93	129,405	19.32
	20° F ⁶	109,135	14.13	129,333	18.20	157,621	21.83	165,600	21.05
	25° F	122,136	14.76	144,888	18.91	176,084	22.76	186,084	21.86
	30° F	136,278	15.37	161,710	19.59	196,024	23.69	208,410	22.63
105° F	45° F ⁶	185,291	17.11	220,726	21.46	265,631	26.33	286,381	24.69
	-10° F	45,525	10.37	53,534	13.86	67,028	16.37	66,035	15.63
	0° F	60,302	11.84	71,030	15.56	88,121	18.49	88,892	17.79
	10° F	78,024	13.32	92,259	17.25	113,392	20.64	116,601	19.87
	20° F	99,291	14.76	117,616	18.90	143,575	22.78	149,765	21.84
	25° F	111,273	15.48	131,965	19.70	160,685	23.84	168,697	22.77
115° F	30° F	124,331	16.17	147,615	20.49	179,197	24.89	189,227	23.66
	45° F	170,031	18.16	202,613	22.68	243,900	27.94	261,677	26.07
	-10° F	40,400	10.50	47,462	13.96	59,852	16.59	57,926	15.61
	0° F	53,840	12.09	63,382	15.80	79,038	18.89	78,652	17.98
	10° F	70,001	13.70	82,698	17.66	102,074	21.25	103,780	20.29
	20° F	-	-	105,938	19.49	-	-	134,162	22.48
25° F	-	-	-	-	-	-	151,424	23.53	
30° F	-	-	-	-	-	-	-	-	
45° F	-	-	-	-	-	-	-	-	

- 1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
- 2 - Based on 80% full at 90°F ambient.
- 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
- 4 - KW is for the unit.
- 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
- 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
- 7 - Operating weight reflects flooded refrigerant charge.
- 8 - Dual units are standard with dual electrical and refrigerant circuiting.
- 9 - Size based on mounted optional suction line trim.
- "-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-448a - High Temp		Model Numbers^{5, 8}			
		NDB24H8A	NDB30H8A	NDB40H8A	NDB44H8A
Compressor Model Number		4TE(S)-12	4PE(S)-15	4NE(S)-20	4JE-22
Quantity of Compressors		2	2	2	2
MCA¹ per circuit	208 V	75.4	89.7	108.1	114.2
	230 V	69.2	82.6	99.6	105.1
	460 V	34.6	41.3	49.8	52.6
	575 V	27.2	32.3	38.9	41.1
Compressor RLA (each)	208 V	52.2	59.9	71.0	75.9
	230 V	47.2	54.2	64.2	68.6
	460 V	23.6	27.1	32.1	34.3
	575 V	18.9	21.7	25.7	27.4
Total Number of Condenser Fan Motors		4	6	8	8
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x60	8x60	10x60	10x60
Receiver Capacity 80% Full per circuit (lbs.)²		94	94	144	144
Unit Operating Charge per circuit (approx. lbs.)	Standard³	99	100	110	122
	w/ Flood Control³	181	181	230	230
Suction Connection per circuit - ODS (in.)⁹		2 1/8	2 1/8	2 1/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		4,130	4,329	4,971	5,177
Unit Operating Weight - Approximate (lbs.)⁷		4,045	4,244	5,001	5,207

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	101,116	17.82	112,562	21.56	138,674	26.66	156,564	29.17
	0° F	133,328	19.92	149,884	24.06	182,867	29.44	206,033	32.29
	10° F	172,178	21.90	195,118	26.42	236,122	32.08	264,634	35.36
	20° F	218,466	23.75	249,113	28.61	300,042	34.48	334,094	38.30
	25° F	244,833	24.59	279,536	29.65	336,199	35.59	373,069	39.71
	30° F	273,183	25.41	312,637	30.63	375,324	36.65	415,287	41.07
	45° F	372,229	27.55	428,188	33.21	512,569	39.33	560,962	44.86
95° F	-10° F	91,473	18.18	100,753	21.81	125,629	27.09	141,548	29.79
	0° F	121,208	20.54	135,124	24.62	166,316	30.24	187,282	33.28
	10° F	156,964	22.82	176,829	27.31	215,485	33.26	241,830	36.70
	20° F ⁶	199,891	24.94	226,713	29.85	274,448	36.07	306,158	40.03
	25° F	224,253	25.94	254,956	31.05	308,055	37.39	342,494	41.63
	30° F	250,450	26.91	285,534	32.21	344,476	38.64	381,654	43.19
	45° F ⁶	342,623	29.50	393,058	35.32	472,409	41.95	517,516	47.57
105° F	-10° F	81,915	18.42	89,201	21.88	112,716	27.34	126,242	30.27
	0° F	109,090	21.04	120,652	25.00	150,036	30.85	168,462	34.08
	10° F	141,979	23.58	158,718	28.01	195,166	34.23	218,789	37.85
	20° F	181,299	25.99	204,507	30.88	249,221	37.44	278,173	41.53
	25° F	203,812	27.13	230,382	32.26	280,315	38.95	311,644	43.32
	30° F	228,045	28.24	258,867	33.57	313,830	40.41	348,004	45.06
	45° F	313,445	31.26	358,190	37.21	432,189	44.35	474,141	49.99
115° F	-10° F	72,485	18.52	77,794	21.77	99,996	27.42	110,893	30.59
	0° F	97,129	21.39	106,211	25.18	133,723	31.26	149,435	34.70
	10° F	127,073	24.19	140,769	28.51	174,800	35.00	195,514	38.79
	20° F	162,952	26.88	182,478	31.71	224,333	38.58	249,933	42.81
	25° F	-	-	-	-	252,499	40.30	-	-
	30° F	-	-	-	-	-	-	-	-
	45° F	-	-	-	-	-	-	-	-

- 1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
- 2 - Based on 80% full at 90°F ambient.
- 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
- 4 - KW is for the unit.
- 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
- 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
- 7 - Operating weight reflects flooded refrigerant charge.
- 8 - Dual units are standard with dual electrical and refrigerant circuiting.
- 9 - Size based on mounted optional suction line trim.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-448a - High Temp		Model Numbers^{5, 8}			
		NDB50H8A	NDB60H8A	NDB66H8A	NDB70H8A
Compressor Model Number		4HE-25	4GE-30	6JE-33	6HE-35
Quantity of Compressors		2	2	2	2
MCA¹ per circuit	208 V	135.8	162.2	182.6	194.7
	230 V	124.6	149.0	167.9	178.8
	460 V	62.3	74.5	83.9	89.4
	575 V	48.9	58.4	65.7	70.1
Compressor RLA (each)	208 V	93.1	110.6	123.2	132.9
	230 V	84.2	100.0	111.4	120.2
	460 V	42.1	50.0	55.7	60.1
	575 V	33.7	40.0	44.6	48.1
Total Number of Condenser Fan Motors		8	10	12	12
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		12x60	12x60	12x60	12x60
Receiver Capacity 80% Full per circuit (lbs.)²		202	202	202	202
Unit Operating Charge per circuit (approx. lbs.)	Standard³	156	175	168	188
	w/ Flood Control³	291	309	347	347
Suction Connection per circuit - ODS (in.)⁹		2 5/8	2 5/8	2 5/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 3/8	1 3/8	1 3/8
Unit Shipping Weight - Approximate (lbs.)		5,993	6,194	6,897	6,913
Unit Operating Weight - Approximate (lbs.)⁷		6,156	6,357	7,060	7,076

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	187,950	33.38	216,583	39.32	231,172	43.67	274,735	49.83
	0° F	245,238	36.93	281,868	43.38	304,096	48.30	358,015	55.30
	10° F	313,541	40.38	359,202	47.38	391,384	52.80	456,421	60.76
	20° F	394,005	43.69	450,091	51.24	494,300	57.14	572,392	66.08
	25° F	439,109	45.29	501,242	53.08	552,628	59.19	637,493	68.66
	30° F	487,925	46.82	556,245	54.88	615,198	61.21	707,494	71.19
95° F	-10° F	171,180	34.31	197,727	40.45	208,641	44.55	250,142	51.13
	0° F	224,349	38.24	257,943	44.94	276,566	49.68	327,303	57.18
	10° F	287,467	42.11	329,278	49.39	357,631	54.73	418,470	63.25
	20° F ⁶	362,011	45.85	413,364	53.69	453,846	59.60	525,906	69.20
	25° F	403,947	47.65	460,439	55.79	507,817	61.97	586,047	72.13
	30° F	449,103	49.40	511,406	57.80	566,415	64.26	651,152	74.97
105° F	45° F ⁶	605,869	54.28	686,704	63.51	770,375	70.69	875,141	83.19
	-10° F	154,135	35.11	178,506	41.43	186,051	45.19	224,917	52.22
	0° F	202,951	39.40	233,719	46.31	248,746	50.79	296,117	58.80
	10° F	260,977	43.65	299,002	51.16	323,806	56.33	380,026	65.43
	20° F	329,553	47.78	375,986	55.90	412,718	61.74	478,917	71.98
	25° F	368,313	49.77	419,270	58.21	462,967	64.37	534,497	75.20
115° F	30° F	410,094	51.72	465,849	60.46	517,635	66.92	594,306	78.38
	45° F	555,153	57.21	627,524	66.81	707,981	74.15	801,883	87.51
	-10° F	136,825	35.76	159,122	42.26	163,231	45.58	199,309	53.08
	0° F	181,386	40.38	209,061	47.50	220,640	51.62	264,311	60.15
	10° F	234,305	44.97	268,199	52.73	289,375	57.64	340,947	67.30
	20° F	296,913	49.47	-	-	371,563	63.53	-	-
	25° F	-	-	-	-	-	-	-	
	30° F	-	-	-	-	-	-	-	
	45° F	-	-	-	-	-	-	-	

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
 2 - Based on 80% full at 90°F ambient.
 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
 4 - KW is for the unit.
 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
 7 - Operating weight reflects flooded refrigerant charge.
 8 - Dual units are standard with dual electrical and refrigerant circuiting.
 9 - Size based on mounted optional suction line trim.
 “-” - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for “M” and “H” models, and 5°F for “L” models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-448a - High Temp		Model Numbers ^{5,8}	
		NDB80H8A	NDB100H8A
Compressor Model Number		6GE-40	6FE-50
Quantity of Compressors		2	2
MCA ¹ per circuit	208 V	223.5	272.1
	230 V	204.8	248.8
	460 V	102.4	124.4
	575 V	80.5	98.1
Compressor RLA (each)	208 V	155.9	194.8
	230 V	141.0	176.2
	460 V	70.5	88.1
	575 V	56.4	70.5
Total Number of Condenser Fan Motors		12	12
Size of Motor (HP)		1	1
Diameter of Blade (in.)		28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6
	230 V	4.6	4.6
	460 V	2.3	2.3
	575 V	1.6	1.6
Receiver Size per circuit (in.)		12x60	12x60
Receiver Capacity 80% Full per circuit (lbs.) ²		202	202
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	209	209
	w/ Flood Control ³	370	370
Suction Connection per circuit - ODS (in.) ⁹		3 1/8	3 1/8
Liquid Line Connection per circuit - ODS (in.)		1 5/8	1 5/8
Unit Shipping Weight - Approximate (lbs.)		6,966	7,056
Unit Operating Weight - Approximate (lbs.) ⁷		7,129	7,220

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.				
85° F	-10° F	315,028	56.12	382,434	65.34
	0° F	408,096	62.41	493,695	73.03
	10° F	518,029	68.65	623,653	80.81
	20° F	646,119	74.80	773,683	88.59
	25° F	717,419	77.82	856,328	92.48
	30° F	793,755	80.79	941,813	96.28
	45° F	1,047,567	89.25	1,220,266	107.61
95° F	-10° F	287,738	57.66	349,302	67.07
	0° F	373,845	64.54	452,421	75.43
	10° F	474,831	71.45	571,748	83.91
	20° F ⁶	592,962	78.23	709,407	92.39
	25° F	658,712	81.56	785,088	96.62
	30° F	729,121	84.84	865,657	100.78
	45° F ⁶	966,262	94.23	1,122,844	113.06
105° F	-10° F	259,665	58.97	315,359	68.51
	0° F	338,542	66.41	409,720	77.50
	10° F	431,206	73.88	518,756	86.62
	20° F	539,083	81.27	644,103	95.75
	25° F	599,317	84.90	712,862	100.30
	30° F	663,835	88.48	786,663	104.79
	45° F	-	-	-	-
115° F	-10° F	230,401	60.04	280,239	69.66
	0° F	302,344	67.98	-	-
	10° F	-	-	-	-
	20° F	-	-	-	-
	25° F	-	-	-	-
	30° F	-	-	-	-
	45° F	-	-	-	-

- 1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
- 2 - Based on 80% full at 90°F ambient.
- 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
- 4 - KW is for the unit.
- 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
- 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
- 7 - Operating weight reflects flooded refrigerant charge.
- 8 - Dual units are standard with dual electrical and refrigerant circuiting.
- 9 - Size based on mounted optional suction line trim.
- “-” - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for “M” and “H” models, and 5°F for “L” models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-449a - Low Temp		Model Numbers^{5,8}			
		NSB03L9A	NSB04L9A	NSB05L9A	NSB06L9A
Compressor Model Number		4FES-3	4EES-4	4DES-5	4VE(S)-7
Quantity of Compressors		1	1	1	1
MCA¹ per circuit	208 V	28.0	31.0	35.5	39.3
	230 V	25.9	28.6	32.6	36.1
	460 V	12.9	14.3	16.3	18.0
	575 V	10.1	11.2	12.8	14.2
Compressor RLA (each)	208 V	17.9	20.3	23.9	27.0
	230 V	16.2	18.4	21.6	24.4
	460 V	8.1	9.2	10.8	12.2
	575 V	6.5	7.4	8.6	9.8
Total Number of Condenser Fan Motors		1	1	1	1
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		6x36	6x36	6x36	6x36
Receiver Capacity 80% Full per circuit (lbs.) ²		28	28	28	28
Unit Operating Charge per circuit (approx. lbs.)	Standard³	28	28	28	28
	w/ Flood Control³	48	49	49	49
Suction Connection per circuit - ODS (in.) ⁹		1 3/8	1 3/8	1 5/8	1 5/8
Liquid Line Connection per circuit - ODS (in.)		5/8	5/8	5/8	5/8
Unit Shipping Weight - Approximate (lbs.)		1,266	1,275	1,281	1,410
Unit Operating Weight - Approximate (lbs.) ⁷		1,179	1,188	1,194	1,322

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-40° F	7,934	2.83	9,785	3.16	11,295	3.57	12,907	3.76
	-30° F	11,731	3.27	14,522	3.72	16,817	4.22	19,870	4.69
	-20° F	16,351	3.74	20,268	4.34	23,491	4.93	28,261	5.67
	-10° F	21,961	4.23	27,240	4.98	31,477	5.69	38,148	6.69
	0° F	28,705	4.73	35,445	5.65	40,874	6.48	49,742	7.75
95° F	-40° F ⁶	6,898	2.82	8,495	3.14	9,762	3.50	10,814	3.58
	-30° F	10,416	3.29	12,870	3.74	14,854	4.20	17,261	4.58
	-20° F	14,684	3.79	18,157	4.40	21,002	4.98	25,040	5.65
	-10° F	19,852	4.33	24,570	5.11	28,404	5.80	34,153	6.77
	0° F	26,122	4.89	32,227	5.85	37,106	6.67	44,897	7.92
105° F	-40° F	5,904	2.79	7,237	3.10	8,283	3.41	9,744	3.34
	-30° F	9,144	3.29	11,261	3.73	12,963	4.15	14,720	4.42
	-20° F	13,050	3.83	16,107	4.44	18,572	4.98	21,839	5.57
	-10° F	17,794	4.41	21,968	5.20	25,372	5.87	30,277	6.78
	0° F	23,525	5.02	29,017	6.01	33,393	6.81	40,142	8.03
115° F	-40° F	-	-	-	-	-	-	-	-
	-30° F	7,912	3.26	9,706	3.69	11,138	4.07	12,211	4.21
	-20° F	11,452	3.84	14,108	4.44	16,228	4.95	18,721	5.44
	-10° F	15,770	4.46	19,436	5.25	22,402	5.90	-	-
	0° F	21,003	5.12	-	-	-	-	-	-

- 1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
- 2 - Based on 80% full at 90°F ambient.
- 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
- 4 - KW is for the unit.
- 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
- 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
- 7 - Operating weight reflects flooded refrigerant charge.
- 8 - Dual units are standard with dual electrical and refrigerant circuiting.
- 9 - Size based on mounted optional suction line trim.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-449a - Low Temp		Model Numbers ^{5, 8}			
		NSB08L9A	NSB10L9A	NSB12L9A	NSB13L9A
Compressor Model Number		4TE(S)-9	4PE(S)-12	4NE(S)-14	4JE-15
Quantity of Compressors		1	1	1	1
MCA ¹ per circuit	208 V	49.0	53.4	65.2	79.3
	230 V	44.8	48.8	59.9	72.7
	460 V	22.4	24.4	30.0	36.4
	575 V	17.7	19.3	23.5	28.6
Compressor RLA (each)	208 V	34.7	38.3	44.0	55.3
	230 V	31.4	34.6	39.8	50.0
	460 V	15.7	17.3	19.9	25.0
	575 V	12.6	13.8	15.9	20.0
Total Number of Condenser Fan Motors		1	1	2	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x42	8x42	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.) ²		65	65	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	37	40	57	60
	w/ Flood Control ³	58	67	98	99
Suction Connection per circuit - ODS (in.) ⁹		1 5/8	2 1/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		5/8	5/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		1,478	1,640	1,761	1,914
Unit Operating Weight - Approximate (lbs.) ⁷		1,433	1,595	1,716	1,869

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-40° F	16,722	4.48	17,518	4.56	23,435	6.64	27,884	7.87
	-30° F	24,930	5.60	26,948	5.85	34,889	8.16	41,589	9.39
	-20° F	34,588	6.79	38,203	7.22	48,825	9.74	57,790	11.02
	-10° F	45,919	8.05	51,418	8.65	65,563	11.37	76,526	12.75
	0° F	59,039	9.37	66,789	10.13	85,218	13.03	98,305	14.55
95° F	-40° F ⁶	14,313	4.30	14,581	4.27	19,996	6.38	23,941	7.75
	-30° F	21,942	5.51	23,290	5.66	30,653	8.03	36,760	9.38
	-20° F	30,904	6.80	33,705	7.14	43,531	9.76	51,894	11.14
	-10° F	41,380	8.17	45,836	8.69	58,972	11.55	69,308	13.01
	0° F	53,440	9.59	59,995	10.30	77,153	13.37	89,504	14.96
105° F	-40° F	11,951	4.07	11,733	3.90	16,595	6.05	20,041	7.60
	-30° F	18,992	5.37	19,714	5.40	26,421	7.82	31,962	9.33
	-20° F	27,256	6.76	29,248	6.99	38,210	9.69	45,950	11.21
	-10° F	36,833	8.22	40,360	8.66	52,374	11.63	62,086	13.20
	0° F	47,951	9.76	53,314	10.38	68,981	13.62	80,784	15.28
115° F	-40° F	-	-	-	-	-	-	-	-
	-30° F	16,101	5.18	16,243	5.05	22,267	7.53	27,269	9.23
	-20° F	23,677	6.66	24,834	6.75	32,945	9.54	40,062	11.22
	-10° F	-	-	-	-	45,739	11.63	-	-
	0° F	-	-	-	-	-	-	-	-

- 1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
- 2 - Based on 80% full at 90°F ambient.
- 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
- 4 - KW is for the unit.
- 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
- 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
- 7 - Operating weight reflects flooded refrigerant charge.
- 8 - Dual units are standard with dual electrical and refrigerant circuiting.
- 9 - Size based on mounted optional suction line trim.
- “-” - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for “M” and “H” models, and 5°F for “L” models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-449a - Low Temp		Model Numbers^{5, 8}			
		NSB15L9A	NSB20L9A	NSB22L9A	NSB25L9A
Compressor Model Number		4HE-18	4GE-23	6JE-25	6HE-28
Quantity of Compressors		1	1	1	1
MCA¹ per circuit	208 V	85.1	98.9	112.9	134.2
	230 V	78.0	90.4	103.6	122.8
	460 V	39.0	45.2	51.8	61.4
	575 V	30.7	35.7	40.7	48.4
Compressor RLA (each)	208 V	59.9	71.0	78.5	95.5
	230 V	54.2	64.2	71.0	86.4
	460 V	27.1	32.1	35.5	43.2
	575 V	21.7	25.7	28.4	34.6
Total Number of Condenser Fan Motors		2	2	3	3
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x60	8x60	8x60	10x60
Receiver Capacity 80% Full per circuit (lbs.) ²		94	94	94	144
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	67	76	76	111
	w/ Flood Control ³	108	137	137	191
Suction Connection per circuit - ODS (in.) ⁹		2 1/8	2 1/8	2 5/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		7/8	7/8	7/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		1,892	2,121	2,240	2,562
Unit Operating Weight - Approximate (lbs.) ⁷		1,880	2,109	2,229	2,608

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-40° F	33,832	9.29	41,520	10.83	42,217	11.75	50,966	13.90
	-30° F	49,620	11.03	59,838	12.79	62,392	14.01	74,412	16.46
	-20° F	67,780	12.95	81,239	14.97	86,244	16.46	102,223	19.27
	-10° F	88,827	15.02	105,999	17.34	114,026	19.04	134,400	22.27
	0° F	112,890	17.23	134,534	19.87	146,337	21.75	171,854	25.43
95° F	-40° F ⁶	29,582	9.27	37,037	10.91	36,417	11.58	44,471	13.88
	-30° F	44,321	11.14	54,124	13.02	55,239	14.01	66,412	16.63
	-20° F	61,244	13.19	74,023	15.37	77,509	16.64	92,367	19.65
	-10° F	80,688	15.42	96,861	17.92	103,375	19.43	122,331	22.89
	0° F	102,950	17.78	123,095	20.66	133,422	22.35	157,051	26.31
105° F	-40° F	25,407	9.23	32,642	10.99	30,669	11.35	37,878	13.83
	-30° F	39,072	11.20	48,485	13.22	48,128	13.93	58,422	16.74
	-20° F	54,787	13.39	66,819	15.72	68,709	16.73	82,394	19.96
	-10° F	72,624	15.75	87,687	18.45	92,729	19.71	110,155	23.41
	0° F	93,087	18.26	111,704	21.37	120,648	22.82	142,287	27.06
115° F	-40° F	-	-	-	-	-	-	-	-
	-30° F	33,964	11.23	42,987	13.40	41,175	13.77	50,365	16.79
	-20° F	-	-	59,664	16.04	60,077	16.73	72,429	20.18
	-10° F	-	-	-	-	-	-	-	-
	0° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
“-” - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for “M” and “H” models, and 5°F for “L” models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-449a - Low Temp		Model Numbers^{5, 8}			
		NSB30L9A	NSB40L9A	NDB06L9A	NDB08L9A
Compressor Model Number		6GE-34	6FE-44	4FES-3	4EES-4
Quantity of Compressors		1	1	2	2
MCA¹ per circuit	208 V	156.0	185.0	28.0	31.0
	230 V	142.9	169.2	25.9	28.6
	460 V	71.5	84.6	12.9	14.3
	575 V	56.2	66.7	10.1	11.2
Compressor RLA (each)	208 V	109.3	132.5	17.9	20.3
	230 V	98.8	119.8	16.2	18.4
	460 V	49.4	59.9	8.1	9.2
	575 V	39.5	47.9	6.5	7.4
Total Number of Condenser Fan Motors		4	4	2	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		10x60	10x60	6x36	6x36
Receiver Capacity 80% Full per circuit (lbs.)²		144	144	28	28
Unit Operating Charge per circuit (approx. lbs.)	Standard³	111	119	28	28
	w/ Flood Control³	191	220	48	49
Suction Connection per circuit - ODS (in.)⁹		2 5/8	2 5/8	1 3/8	1 3/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	5/8	5/8
Unit Shipping Weight - Approximate (lbs.)		2,628	3,034	2,553	2,571
Unit Operating Weight - Approximate (lbs.)⁷		2,674	3,080	2,316	2,334

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-40° F	64,920	16.82	75,016	20.26	15,902	5.67	19,570	6.33
	-30° F	91,962	19.76	108,265	23.65	23,547	6.53	29,043	7.45
	-20° F	123,468	23.04	147,345	27.38	32,835	7.47	40,536	8.67
	-10° F	159,940	26.58	192,358	31.39	44,120	8.44	54,481	9.97
	0° F	201,901	30.36	244,343	35.61	57,748	9.43	70,889	11.31
95° F	-40° F ⁶	57,997	16.85	65,691	20.45	13,849	5.64	16,990	6.28
	-30° F	83,551	20.01	97,462	24.06	20,919	6.57	25,740	7.48
	-20° F	113,109	23.52	134,283	28.07	29,476	7.58	36,313	8.80
	-10° F	146,950	27.34	176,302	32.38	39,905	8.66	49,141	10.22
	0° F	185,669	31.42	224,430	36.93	52,531	9.76	64,454	11.70
105° F	-40° F	50,799	16.85	56,183	20.61	11,858	5.59	14,473	6.19
	-30° F	74,847	20.19	86,378	24.43	18,353	6.57	22,523	7.46
	-20° F	102,423	23.92	120,712	28.67	26,207	7.66	32,214	8.88
	-10° F	133,614	27.99	159,733	33.26	35,755	8.82	43,937	10.41
	0° F	169,247	32.34	204,165	38.11	47,341	10.03	58,033	12.02
115° F	-40° F	-	-	-	-	-	-	-	-
	-30° F	65,792	20.30	75,032	24.74	15,886	6.52	19,411	7.37
	-20° F	91,303	24.23	106,977	29.19	23,010	7.68	28,216	8.87
	-10° F	-	-	-	-	31,706	8.93	38,872	10.51
	0° F	-	-	-	-	42,297	10.23	-	-

- 1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
- 2 - Based on 80% full at 90°F ambient.
- 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
- 4 - KW is for the unit.
- 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
- 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
- 7 - Operating weight reflects flooded refrigerant charge.
- 8 - Dual units are standard with dual electrical and refrigerant circuiting.
- 9 - Size based on mounted optional suction line trim.
- “-” - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for “M” and “H” models, and 5°F for “L” models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-449a - Low Temp		Model Numbers^{5, 8}			
		NDB10L9A	NDB12L9A	NDB16L9A	NDB20L9A
Compressor Model Number		4DES-5	4VE(S)-7	4TE(S)-9	4PE(S)-12
Quantity of Compressors		2	2	2	2
MCA¹ per circuit	208 V	35.5	39.3	49.0	53.4
	230 V	32.6	36.1	44.8	48.8
	460 V	16.3	18.0	22.4	24.4
	575 V	12.8	14.2	17.7	19.3
Compressor RLA (each)	208 V	23.9	27.0	34.7	38.3
	230 V	21.6	24.4	31.4	34.6
	460 V	10.8	12.2	15.7	17.3
	575 V	8.6	9.8	12.6	13.8
Total Number of Condenser Fan Motors		2	2	2	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		6x36	6x36	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.) ²		28	28	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	28	28	37	40
	w/ Flood Control ³	49	49	58	67
Suction Connection per circuit - ODS (in.) ⁹		1 5/8	1 5/8	1 5/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		5/8	5/8	5/8	5/8
Unit Shipping Weight - Approximate (lbs.)		2,584	2,840	2,977	3,303
Unit Operating Weight - Approximate (lbs.) ⁷		2,347	2,604	2,826	3,151

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-40° F	22,589	7.13	25,813	7.53	33,444	8.95	35,035	9.12
	-30° F	33,633	8.44	39,740	9.38	49,859	11.19	53,896	11.71
	-20° F	46,981	9.87	56,522	11.35	69,176	13.58	76,405	14.44
	-10° F	62,954	11.39	76,296	13.39	91,839	16.10	102,836	17.30
	0° F	81,748	12.97	99,484	15.50	118,079	18.73	133,577	20.26
95° F	-40° F ⁶	19,524	7.01	21,628	7.15	28,625	8.59	29,162	8.53
	-30° F	29,708	8.41	34,521	9.16	43,884	11.02	46,581	11.33
	-20° F	42,005	9.95	50,080	11.30	61,809	13.61	67,410	14.29
	-10° F	56,808	11.61	68,307	13.53	82,761	16.33	91,671	17.39
	0° F	74,213	13.34	89,793	15.84	106,881	19.18	119,989	20.60
105° F	-40° F	16,567	6.82	17,488	6.68	23,903	8.14	23,467	7.81
	-30° F	25,925	8.31	29,440	8.84	37,984	10.74	39,427	10.79
	-20° F	37,145	9.96	43,678	11.15	54,511	13.52	58,497	13.98
	-10° F	50,745	11.75	60,554	13.56	73,666	16.45	80,720	17.31
	0° F	66,787	13.63	80,284	16.06	95,902	19.51	106,627	20.77
115° F	-40° F	-	-	-	-	-	-	-	-
	-30° F	22,277	8.14	24,422	8.42	32,203	10.35	32,485	10.11
	-20° F	32,455	9.90	37,441	10.88	47,353	13.32	49,668	13.51
	-10° F	44,803	11.80	-	-	-	-	-	-
	0° F	-	-	-	-	-	-	-	-

- 1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
 - 2 - Based on 80% full at 90°F ambient.
 - 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
 - 4 - KW is for the unit.
 - 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
 - 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
 - 7 - Operating weight reflects flooded refrigerant charge.
 - 8 - Dual units are standard with dual electrical and refrigerant circuiting.
 - 9 - Size based on mounted optional suction line trim.
- “-” - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for “M” and “H” models, and 5°F for “L” models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-449a - Low Temp		Model Numbers ^{5, 8}			
		NDB24L9A	NDB26L9A	NDB30L9A	NDB40L9A
Compressor Model Number		4NE(S)-14	4JE-15	4HE-18	4GE-23
Quantity of Compressors		2	2	2	2
MCA ¹ per circuit	208 V	65.2	79.3	85.1	98.9
	230 V	59.9	72.7	78.0	90.4
	460 V	30.0	36.4	39.0	45.2
	575 V	23.5	28.6	30.7	35.7
Compressor RLA (each)	208 V	44.0	55.3	59.9	71.0
	230 V	39.8	50.0	54.2	64.2
	460 V	19.9	25.0	27.1	32.1
	575 V	15.9	20.0	21.7	25.7
Total Number of Condenser Fan Motors		4	4	4	4
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x42	8x42	8x60	8x60
Receiver Capacity 80% Full per circuit (lbs.) ²		65	65	94	94
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	57	60	67	78
	w/ Flood Control ³	98	99	108	140
Suction Connection per circuit - ODS (in.) ⁹		2 1/8	2 1/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		7/8	7/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		3,551	3,849	3,805	4,262
Unit Operating Weight - Approximate (lbs.) ⁷		3,399	3,697	3,720	4,177

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-40° F	46,871	13.29	55,769	15.75	67,665	18.59	83,039	21.65
	-30° F	69,777	16.31	83,178	18.78	99,240	22.07	119,677	25.58
	-20° F	97,649	19.49	115,580	22.04	135,561	25.91	162,478	29.95
	-10° F	131,126	22.75	153,052	25.50	177,653	30.04	211,999	34.68
	0° F	170,436	26.06	196,610	29.11	225,781	34.46	269,067	39.74
95° F	-40° F ⁶	39,993	12.76	47,882	15.51	59,164	18.54	74,074	21.83
	-30° F	61,306	16.05	73,520	18.76	88,642	22.27	108,249	26.04
	-20° F	87,062	19.52	103,787	22.29	122,488	26.39	148,046	30.74
	-10° F	117,944	23.10	138,616	26.02	161,376	30.83	193,722	35.85
	0° F	154,306	26.74	179,008	29.91	205,901	35.56	246,190	41.32
105° F	-40° F	33,190	12.10	40,081	15.19	50,814	18.45	65,284	21.98
	-30° F	52,841	15.63	63,923	18.66	78,144	22.40	96,969	26.45
	-20° F	76,419	19.38	91,901	22.42	109,575	26.77	133,638	31.45
	-10° F	104,747	23.27	124,171	26.41	145,248	31.49	175,374	36.90
	0° F	137,962	27.24	161,568	30.56	186,175	36.51	223,408	42.74
115° F	-40° F	-	-	-	-	-	-	-	-
	-30° F	44,534	15.06	54,539	18.46	67,928	22.46	85,975	26.81
	-20° F	65,890	19.08	80,125	22.43	-	-	119,329	32.08
	-10° F	91,479	23.26	-	-	-	-	-	-
	0° F	-	-	-	-	-	-	-	-

- 1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
- 2 - Based on 80% full at 90°F ambient.
- 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
- 4 - KW is for the unit.
- 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
- 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
- 7 - Operating weight reflects flooded refrigerant charge.
- 8 - Dual units are standard with dual electrical and refrigerant circuiting.
- 9 - Size based on mounted optional suction line trim.
- "-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-449a - Low Temp		Model Numbers^{5, 8}			
		NDB44L9A	NDB50L9A	NDB60L9A	NDB80L9A
Compressor Model Number		6JE-25	6HE-28	6GE-34	6FE-44
Quantity of Compressors		2	2	2	2
MCA¹ per circuit	208 V	112.9	134.2	156.0	185.0
	230 V	103.6	122.8	142.9	169.2
	460 V	51.8	61.4	71.5	84.6
	575 V	40.7	48.4	56.2	66.7
Compressor RLA (each)	208 V	78.5	95.5	109.3	132.5
	230 V	71.0	86.4	98.8	119.8
	460 V	35.5	43.2	49.4	59.9
	575 V	28.4	34.6	39.5	47.9
Total Number of Condenser Fan Motors		6	6	8	8
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x60	10x60	10x60	10x60
Receiver Capacity 80% Full per circuit (lbs.) ²		94	144	144	144
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	76	111	111	119
	w/ Flood Control ³	137	191	191	220
Suction Connection per circuit - ODS (in.) ⁹		2 5/8	2 5/8	2 5/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		7/8	1 1/8	1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		4,502	5,145	5,277	6,100
Unit Operating Weight - Approximate (lbs.) ⁷		4,417	5,175	5,307	6,129

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-40° F	84,434	23.50	101,933	27.80	129,840	33.63	150,032	40.52
	-30° F	124,784	28.02	148,824	32.93	183,923	39.52	216,529	47.30
	-20° F	172,487	32.91	204,446	38.54	246,937	46.08	294,689	54.77
	-10° F	228,052	38.09	268,800	44.54	319,879	53.16	384,716	62.78
	0° F	292,675	43.50	343,709	50.85	403,801	60.72	488,686	71.21
95° F	-40° F ⁶	72,833	23.15	88,943	27.77	115,994	33.71	131,382	40.89
	-30° F	110,477	28.01	132,824	33.27	167,101	40.01	194,924	48.13
	-20° F	155,018	33.28	184,734	39.31	226,217	47.05	268,566	56.14
	-10° F	206,750	38.86	244,662	45.79	293,900	54.69	352,605	64.75
	0° F	266,845	44.69	314,103	52.61	371,338	62.85	448,859	73.85
105° F	-40° F	61,337	22.69	75,755	27.66	101,598	33.71	112,366	41.23
	-30° F	96,256	27.85	116,845	33.48	149,695	40.37	172,756	48.85
	-20° F	137,419	33.46	164,789	39.92	204,846	47.84	241,424	57.35
	-10° F	185,459	39.42	220,310	46.83	267,229	55.98	319,467	66.52
	0° F	241,296	45.64	284,575	54.12	338,494	64.68	408,330	76.21
115° F	-40° F	-	-	-	-	-	-	-	-
	-30° F	82,350	27.55	100,730	33.59	131,583	40.60	150,064	49.48
	-20° F	120,155	33.47	144,858	40.36	182,606	48.45	213,954	58.39
	-10° F	-	-	-	-	-	-	-	-
	0° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
 2 - Based on 80% full at 90°F ambient.
 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
 4 - KW is for the unit.
 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
 7 - Operating weight reflects flooded refrigerant charge.
 8 - Dual units are standard with dual electrical and refrigerant circuiting.
 9 - Size based on mounted optional suction line trim.
 "—" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-449a - Medium Temp		Model Numbers ^{5, 8}			
		NSB05M9A	NSB06M9A	NSB08M9A	NSB09M9A
Compressor Model Number		4FES-5	4EES-6	4DES-7	4CES-9
Quantity of Compressors		1	1	1	1
MCA ¹ per circuit	208 V	41.8	42.6	47.9	58.1
	230 V	38.4	39.1	43.9	53.1
	460 V	19.2	19.5	21.9	26.6
	575 V	15.1	15.4	17.3	21.0
Compressor RLA (each)	208 V	29.0	29.6	33.8	42.0
	230 V	26.2	26.8	30.6	38.0
	460 V	13.1	13.4	15.3	19.0
	575 V	10.5	10.7	12.2	15.2
Total Number of Condenser Fan Motors		1	1	1	1
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		6x36	6x36	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.) ²		28	28	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	28	29	56	56
	w/ Flood Control ³	49	53	87	87
Suction Connection per circuit - ODS (in.) ⁹		1 3/8	1 5/8	1 5/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		5/8	5/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		1,286	1,317	1,371	1,370
Unit Operating Weight - Approximate (lbs.) ⁷		1,198	1,229	1,326	1,325

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	22,121	4.22	27,328	4.99	32,204	5.65	39,710	6.81
	0° F	28,913	4.70	35,658	5.63	42,130	6.38	51,525	7.74
	10° F	37,039	5.16	45,566	6.27	53,959	7.11	65,463	8.69
	20° F	46,626	5.62	57,211	6.91	67,889	7.82	81,793	9.66
	25° F	52,029	5.83	63,715	7.23	75,731	8.17	90,569	10.15
	30° F	57,816	6.05	70,557	7.55	84,122	8.52	99,830	10.65
95° F	45° F	77,579	6.66	93,009	8.51	111,739	9.55	130,571	12.18
	-10° F	20,057	4.33	24,710	5.12	29,102	5.77	36,067	6.99
	0° F	26,332	4.85	32,409	5.82	38,253	6.57	46,945	8.01
	10° F	33,824	5.37	41,546	6.53	49,207	7.38	59,819	9.06
	20° F ⁶	42,702	5.89	52,300	7.24	62,091	8.18	74,874	10.14
	25° F	47,731	6.13	58,334	7.60	69,331	8.58	83,200	10.68
105° F	30° F	53,123	6.38	64,830	7.95	77,190	8.97	91,830	11.23
	45° F ⁶	71,719	7.07	85,860	9.02	103,192	10.14	120,536	12.94
	-10° F	18,015	4.41	22,146	5.21	26,063	5.85	32,472	7.13
	0° F	23,747	4.98	29,161	5.97	34,439	6.72	42,408	8.23
	10° F	30,621	5.55	37,551	6.74	44,445	7.61	54,170	9.38
	20° F	38,818	6.12	47,453	7.52	56,321	8.50	68,054	10.56
115° F	25° F	43,443	6.39	52,977	7.91	63,010	8.94	75,750	11.16
	30° F	48,439	6.66	58,977	8.30	70,232	9.38	-	-
	45° F	65,813	7.45	-	-	-	-	-	-
	-10° F	16,007	4.46	19,630	5.26	23,083	5.88	28,948	7.22
115° F	0° F	21,211	5.08	-	-	30,646	6.83	-	-
	10° F	-	-	-	-	-	-	-	-

R449a - Med. Temp

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.

2 - Based on 80% full at 90°F ambient.

3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)

4 - KW is for the unit.

5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.

6 - Rated in accordance with ANSI/AHRI Standard 520-2004.

7 - Operating weight reflects flooded refrigerant charge.

8 - Dual units are standard with dual electrical and refrigerant circuiting.

9 - Size based on mounted optional suction line trim.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

“-” - Consult your local Century Representative.

R-449a - Medium Temp		Model Numbers ^{5, 8}			
		NSB10M9A	NSB12M9A	NSB15M9A	NSB20M9A
Compressor Model Number		4VE(S)-10	4TE(S)-12	4PE(S)-15	4NE(S)-20
Quantity of Compressors		1	1	1	1
MCA ¹ per circuit	208 V	58.7	70.8	85.1	98.9
	230 V	53.6	64.6	78.0	90.4
	460 V	26.8	32.3	39.0	45.2
	575 V	21.2	25.6	30.7	35.7
Compressor RLA (each)	208 V	42.5	52.2	59.9	71.0
	230 V	38.4	47.2	54.2	64.2
	460 V	19.2	23.6	27.1	32.1
	575 V	15.4	18.9	21.7	25.7
Total Number of Condenser Fan Motors		1	1	2	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x42	8x60	8x60	8x60
Receiver Capacity 80% Full per circuit (lbs.) ²		65	94	94	94
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	56	83	83	82
	w/ Flood Control ³	87	124	124	144
Suction Connection per circuit - ODS (in.) ⁹		2 1/8	2 1/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		7/8	1 1/8	1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		1,503	1,586	1,797	1,842
Unit Operating Weight - Approximate (lbs.) ⁷		1,458	1,574	1,786	1,831

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	39,589	6.61	48,398	7.91	54,457	9.74	66,733	11.24
	0° F	52,172	7.56	63,279	9.08	72,130	11.07	87,253	12.78
	10° F	67,062	8.49	80,846	10.25	93,195	12.38	111,628	14.30
	20° F	84,476	9.41	100,886	11.41	117,943	13.66	140,285	15.80
	25° F	93,751	9.87	111,679	11.99	131,693	14.29	155,612	16.55
	30° F	103,597	10.32	123,023	12.57	145,811	14.92	171,746	17.29
95° F	45° F	136,149	11.68	160,627	14.31	193,283	16.74	225,812	19.47
	-10° F	35,500	6.69	43,693	8.06	48,677	9.83	60,269	11.41
	0° F	47,050	7.74	57,352	9.34	64,894	11.30	79,162	13.11
	10° F	60,745	8.77	73,442	10.62	84,209	12.76	101,597	14.79
	20° F ⁶	76,772	9.79	92,197	11.90	107,003	14.18	127,902	16.45
	25° F	85,564	10.29	102,187	12.53	119,810	14.88	142,545	17.27
105° F	30° F	94,695	10.79	112,692	13.17	133,241	15.57	157,518	18.09
	45° F ⁶	125,198	12.27	-	-	177,467	17.60	207,816	20.50
	-10° F	31,495	6.72	38,995	8.14	42,988	9.83	53,929	11.50
	0° F	42,027	7.86	51,431	9.54	57,755	11.45	71,153	13.35
	10° F	54,494	8.99	66,168	10.93	75,406	13.04	91,577	15.19
	20° F	69,147	10.10	83,383	12.31	96,185	14.61	115,630	17.01
115° F	25° F	77,399	10.65	-	-	107,926	15.38	129,135	17.91
	30° F	-	-	-	-	120,593	16.14	-	-
	45° F	-	-	-	-	-	-	-	-
	-10° F	27,495	6.69	34,371	8.16	37,432	9.75	47,697	11.50
	0° F	-	-	-	-	50,769	11.50	-	-
	10° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.

2 - Based on 80% full at 90°F ambient.

3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)

4 - KW is for the unit.

5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

6 - Rated in accordance with ANSI/AHRI Standard 520-2004.

7 - Operating weight reflects flooded refrigerant charge.

8 - Dual units are standard with dual electrical and refrigerant circuiting.

9 - Size based on mounted optional suction line trim.

"-" - Consult your local Century Representative.

R-449a - Medium Temp		Model Numbers ^{5, 8}			
		NSB22M9A	NSB25M9A	NSB30M9A	NSB33M9A
Compressor Model Number		4JE-22	4HE-25	4GE-30	6JE-33
Quantity of Compressors		1	1	1	1
MCA ¹ per circuit	208 V	105.0	131.2	153.0	168.8
	230 V	95.9	120.0	139.8	154.1
	460 V	48.0	60.0	69.9	77.0
	575 V	37.9	47.3	55.2	60.9
Compressor RLA (each)	208 V	75.9	93.1	110.6	123.2
	230 V	68.6	84.2	100.0	111.4
	460 V	34.3	42.1	50.0	55.7
	575 V	27.4	33.7	40.0	44.6
Total Number of Condenser Fan Motors		2	3	3	3
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x60	8x60	8x60	10x60
Receiver Capacity 80% Full per circuit (lbs.) ²		94	94	94	144
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	92	102	129	139
	w/ Flood Control ³	152	184	210	259
Suction Connection per circuit - ODS (in.) ⁹		2 5/8	2 5/8	2 5/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	1 3/8	1 3/8
Unit Shipping Weight - Approximate (lbs.)		2,100	2,300	2,318	2,642
Unit Operating Weight - Approximate (lbs.) ⁷		2,088	2,288	2,307	2,688

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	75,920	12.51	91,643	15.75	105,172	17.69	112,334	18.70
	0° F	99,315	14.19	119,064	17.64	135,896	19.90	147,109	21.16
	10° F	126,701	15.90	151,256	19.54	171,876	22.14	188,251	23.63
	20° F	158,677	17.60	188,724	21.44	213,389	24.39	236,257	26.10
	25° F	176,250	18.45	209,503	22.39	235,285	25.53	262,905	27.34
	30° F	194,166	19.31	231,396	23.31	258,377	26.66	290,791	28.55
95° F	-10° F	68,377	12.79	83,205	16.19	95,641	18.22	101,120	19.09
	0° F	90,009	14.63	108,524	18.26	123,935	20.62	133,367	21.78
	10° F	115,347	16.49	138,259	20.34	156,976	23.04	171,479	24.49
	20° F ⁶	144,824	18.35	172,723	22.42	195,037	25.48	216,097	27.19
	25° F	161,232	19.28	192,036	23.44	215,661	26.70	240,873	28.54
	30° F	178,296	20.20	212,571	24.46	236,929	27.92	267,549	29.86
105° F	45° F ⁶	234,357	22.96	278,929	27.46	307,574	31.52	353,593	33.83
	-10° F	60,834	13.00	74,723	16.56	86,120	18.67	89,915	19.37
	0° F	80,707	14.98	97,932	18.79	111,888	21.24	119,641	22.27
	10° F	103,917	16.99	125,110	21.04	141,865	23.84	154,738	25.19
	20° F	131,011	19.00	156,689	23.28	176,460	26.46	195,837	28.12
	25° F	146,103	20.00	174,413	24.39	195,701	27.75	218,747	29.57
115° F	30° F	162,279	21.00	193,253	25.49	-	-	243,580	31.01
	45° F	-	-	-	-	-	-	-	-
	-10° F	53,235	13.13	66,142	16.86	76,402	19.06	78,634	19.52
	0° F	-	-	-	-	-	-	-	-
	10° F	-	-	-	-	-	-	-	-

R449a - Med. Temp

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.

2 - Based on 80% full at 90°F ambient.

3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)

4 - KW is for the unit.

5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.

6 - Rated in accordance with ANSI/AHRI Standard 520-2004.

7 - Operating weight reflects flooded refrigerant charge.

8 - Dual units are standard with dual electrical and refrigerant circuiting.

9 - Size based on mounted optional suction line trim.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

“-” - Consult your local Century Representative.

R-449a - Medium Temp		Model Numbers^{5, 8}			
		NSB35M9A	NSB40M9A	NSB50M9A	NDB10M9A
Compressor Model Number		6HE-35	6GE-40	6FE-50	4FES-5
Quantity of Compressors		1	1	1	2
MCA¹ per circuit	208 V	180.9	214.3	267.5	41.8
	230 V	165.0	195.6	244.2	38.4
	460 V	82.5	97.8	122.1	19.2
	575 V	65.3	77.3	96.5	15.1
Compressor RLA (each)	208 V	132.9	155.9	194.8	29.0
	230 V	120.2	141.0	176.2	26.2
	460 V	60.1	70.5	88.1	13.1
	575 V	48.1	56.4	70.5	10.5
Total Number of Condenser Fan Motors		3	4	5	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		10x60	12x60	12x60	6x36
Receiver Capacity 80% Full per circuit (lbs.) ²		144	202	202	28
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	151	198	198	28
	w/ Flood Control ³	259	332	332	49
Suction Connection per circuit - ODS (in.) ⁹		2 5/8	3 1/8	3 1/8	1 3/8
Liquid Line Connection per circuit - ODS (in.)		1 3/8	1 5/8	1 5/8	5/8
Unit Shipping Weight - Approximate (lbs.)		2,647	3,104	3,226	2,592
Unit Operating Weight - Approximate (lbs.) ⁷		2,693	3,217	3,338	2,355

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	133,232	21.89	155,015	26.02	188,296	31.74	44,242	8.44
	0° F	172,567	24.85	200,214	29.27	242,322	35.71	57,825	9.39
	10° F	218,446	27.88	253,015	32.57	304,850	39.78	74,078	10.33
	20° F	270,975	30.98	313,891	35.89	375,069	43.91	93,252	11.23
	25° F	298,765	32.55	347,434	37.53	412,415	45.97	104,057	11.67
	30° F	328,157	34.13	381,814	39.15	451,259	48.06	115,633	12.10
95° F	45° F	425,047	38.92	494,714	44.01	578,188	54.28	155,158	13.31
	-10° F	120,933	22.49	141,339	26.76	171,812	32.57	40,114	8.65
	0° F	157,156	25.70	182,901	30.31	221,605	36.86	52,664	9.70
	10° F	199,500	29.00	231,495	33.89	278,987	41.24	67,648	10.75
	20° F ⁶	248,330	32.35	287,382	37.49	344,021	45.69	85,404	11.77
	25° F	274,515	34.03	318,399	39.28	378,249	47.91	95,462	12.26
105° F	30° F	301,768	35.73	350,642	41.05	413,781	50.15	106,245	12.75
	45° F ⁶	-	-	455,673	46.26	-	-	143,438	14.14
	-10° F	108,330	22.98	127,157	27.39	154,701	33.26	36,029	8.82
	0° F	141,657	26.43	165,337	31.19	200,400	37.84	47,493	9.96
	10° F	180,504	29.96	209,604	35.05	252,435	42.53	61,242	11.11
	20° F	225,235	33.55	260,759	38.90	311,714	47.26	77,637	12.23
115° F	25° F	-	-	288,789	40.84	-	-	86,885	12.79
	30° F	-	-	318,923	42.74	-	-	96,878	13.33
	45° F	-	-	-	-	-	-	131,627	14.89
	-10° F	95,564	23.36	112,634	27.90	-	-	32,014	8.92
115° F	0° F	-	-	-	-	-	-	42,423	10.15
	10° F	-	-	-	-	-	-	-	-

R449a - Med. Temp

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
“-” - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for “M” and “H” models, and 5°F for “L” models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-449a - Medium Temp		Model Numbers^{5, 8}			
		NDB12M9A	NDB16M9A	NDB18M9A	NDB20M9A
Compressor Model Number		4EES-6	4DES-7	4CES-9	4VE(S)-10
Quantity of Compressors		2	2	2	2
MCA¹ per circuit	208 V	42.6	47.9	58.1	58.7
	230 V	39.1	43.9	53.1	53.6
	460 V	19.5	21.9	26.6	26.8
	575 V	15.4	17.3	21.0	21.2
Compressor RLA (each)	208 V	29.6	33.8	42.0	42.5
	230 V	26.8	30.6	38.0	38.4
	460 V	13.4	15.3	19.0	19.2
	575 V	10.7	12.2	15.2	15.4
Total Number of Condenser Fan Motors		2	2	2	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		6x36	8x42	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.)²		28	65	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard³	29	56	56	56
	w/ Flood Control³	53	87	87	87
Suction Connection per circuit - ODS (in.)⁹		1 5/8	1 5/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		5/8	7/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		2,655	2,763	2,760	3,028
Unit Operating Weight - Approximate (lbs.)⁷		2,418	2,612	2,608	2,876

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	54,655	9.98	64,409	11.31	79,420	13.63	79,177	13.22
	0° F	71,316	11.26	84,260	12.76	103,049	15.48	104,345	15.11
	10° F	91,132	12.54	107,917	14.21	130,925	17.39	134,124	16.98
	20° F	114,422	13.83	135,778	15.65	163,586	19.32	168,952	18.83
	25° F	127,430	14.47	151,462	16.35	181,138	20.31	187,503	19.74
	30° F	141,114	15.10	168,244	17.05	199,659	21.30	207,193	20.65
95° F	45° F	186,018	17.03	223,478	19.09	261,143	24.37	272,299	23.36
	-10° F	49,421	10.23	58,204	11.54	72,134	13.98	71,001	13.39
	0° F	64,818	11.63	76,506	13.14	93,890	16.01	94,100	15.47
	10° F	83,093	13.05	98,414	14.76	119,638	18.12	121,489	17.54
	20° F ⁶	104,600	14.48	124,182	16.37	149,748	20.27	153,544	19.58
	25° F	116,667	15.19	138,663	17.16	166,400	21.36	171,129	20.59
105° F	30° F	129,659	15.90	154,381	17.94	183,660	22.47	189,390	21.58
	45° F ⁶	171,719	18.04	206,383	20.27	241,072	25.87	250,395	24.53
	-10° F	44,292	10.41	52,126	11.69	64,944	14.25	62,990	13.44
	0° F	58,322	11.93	68,879	13.44	84,816	16.46	84,053	15.71
	10° F	75,102	13.48	88,891	15.22	108,340	18.76	108,987	17.97
	20° F	94,906	15.04	112,641	16.99	136,107	21.12	138,295	20.20
115° F	25° F	105,953	15.82	126,020	17.87	151,500	22.32	154,799	21.29
	30° F	117,954	16.60	140,464	18.75	-	-	-	-
	45° F	-	-	-	-	-	-	-	-
	-10° F	39,260	10.52	46,165	11.77	57,896	14.44	54,990	13.37
115° F	0° F	-	-	61,293	13.65	-	-	-	-
	10° F	-	-	-	-	-	-	-	-

R449a - Med. Temp

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
“-” - Consult your local Century Representative.
NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for “M” and “H” models, and 5°F for “L” models. Failure to consider this may result in liquid line flashing and resultant poor system performance.
NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-449a - Medium Temp		Model Numbers^{5, 8}			
		NDB24M7	NDB30M7	NDB40M7	NDB44M7
Compressor Model Number		4TE(S)-12	4PE(S)-15	4NE(S)-20	4JE-22
Quantity of Compressors		2	2	2	2
MCA¹ per circuit	208 V	70.8	85.1	98.9	105.0
	230 V	64.6	78.0	90.4	95.9
	460 V	32.3	39.0	45.2	48.0
	575 V	25.6	30.7	35.7	37.9
Compressor RLA (each)	208 V	52.2	59.9	71.0	75.9
	230 V	47.2	54.2	64.2	68.6
	460 V	23.6	27.1	32.1	34.3
	575 V	18.9	21.7	25.7	27.4
Total Number of Condenser Fan Motors		2	4	4	4
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x60	8x60	8x60	8x60
Receiver Capacity 80% Full per circuit (lbs.) ²		94	94	94	94
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	83	83	82	92
	w/ Flood Control ³	124	124	144	152
Suction Connection per circuit - ODS (in.) ⁹		2 1/8	2 1/8	2 1/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		3,194	3,617	3,705	4,222
Unit Operating Weight - Approximate (lbs.) ⁷		3,108	3,532	3,620	4,137

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	117,005	17.49	133,536	21.33	161,565	25.04	184,183	27.82
	0° F	148,259	19.98	171,107	24.13	205,084	28.30	233,302	31.27
	10° F	181,895	22.58	214,384	27.03	253,976	31.69	289,410	34.82
	20° F	218,830	25.26	260,789	29.99	306,373	35.18	348,260	38.49
	25° F	238,141	26.65	285,572	31.49	334,319	36.96	379,957	40.36
	30° F	258,705	28.03	311,383	33.01	363,765	38.74	412,857	42.26
	45° F	323,609	32.31	395,205	37.60	458,616	44.19	519,006	48.14
95° F	-10° F	104,736	17.91	118,812	21.66	144,836	25.64	164,955	28.39
	0° F	132,759	20.59	152,493	24.71	183,793	29.16	209,355	32.15
	10° F	163,569	23.39	191,489	27.86	228,705	32.83	260,084	36.03
	20° F ⁶	196,746	26.29	234,346	31.09	276,013	36.62	314,657	40.03
	25° F	214,322	27.78	256,759	32.73	301,572	38.55	342,945	42.09
	30° F	232,803	29.28	280,097	34.39	328,153	40.49	373,177	44.15
	45° F ⁶	-	-	356,419	39.40	413,739	46.45	469,251	50.57
105° F	-10° F	92,466	18.29	104,317	21.91	128,108	26.18	145,789	28.78
	0° F	117,197	21.15	134,212	25.18	162,744	29.94	185,422	32.84
	10° F	145,114	24.14	168,767	28.57	202,209	33.89	230,558	37.04
	20° F	174,733	27.24	207,800	32.06	245,388	37.97	280,049	41.39
	25° F	-	-	227,809	33.84	268,123	40.05	305,710	43.61
	30° F	-	-	249,019	35.62	-	-	332,789	45.84
	45° F	-	-	-	-	-	-	-	-
115° F	-10° F	80,308	18.62	89,979	22.07	111,525	26.66	126,487	28.98
	0° F	-	-	116,056	25.55	141,673	30.65	161,275	33.34
	10° F	-	-	-	-	-	-	-	-

- 1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
- 2 - Based on 80% full at 90°F ambient.
- 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
- 4 - KW is for the unit.
- 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
- 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
- 7 - Operating weight reflects flooded refrigerant charge.
- 8 - Dual units are standard with dual electrical and refrigerant circuiting.
- 9 - Size based on mounted optional suction line trim.
- "-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R449a - Med. Temp

R-449a - Medium Temp		Model Numbers ^{5, 8}			
		NDB50M9A	NDB60M9A	NDB66M9A	NDB70M9A
Compressor Model Number		4HE-25	4GE-30	6JE-33	6HE-35
Quantity of Compressors		2	2	2	2
MCA ¹ per circuit	208 V	131.2	153.0	168.8	180.9
	230 V	120.0	139.8	154.1	165.0
	460 V	60.0	69.9	77.0	82.5
	575 V	47.3	55.2	60.9	65.3
Compressor RLA (each)	208 V	93.1	110.6	123.2	132.9
	230 V	84.2	100.0	111.4	120.2
	460 V	42.1	50.0	55.7	60.1
	575 V	33.7	40.0	44.6	48.1
Total Number of Condenser Fan Motors		6	6	6	6
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x60	8x60	10x60	10x60
Receiver Capacity 80% Full per circuit (lbs.) ²		94	94	144	144
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	102	129	139	151
	w/ Flood Control ³	184	210	259	259
Suction Connection per circuit - ODS (in.) ⁹		2 5/8	2 5/8	2 5/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 3/8	1 3/8	1 3/8
Unit Shipping Weight - Approximate (lbs.)		4,621	4,658	5,305	5,316
Unit Operating Weight - Approximate (lbs.) ⁷		4,536	4,572	5,335	5,346

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	183,286	31.50	210,344	35.39	224,667	37.40	266,464	43.78
	0° F	238,127	35.28	271,792	39.81	294,217	42.32	345,134	49.69
	10° F	302,511	39.09	343,752	44.28	376,502	47.26	436,891	55.77
	20° F	377,448	42.88	426,779	48.79	472,513	52.20	541,950	61.97
	25° F	419,007	44.77	470,570	51.05	525,810	54.67	597,531	65.11
	30° F	462,792	46.62	516,755	53.31	581,583	57.11	656,314	68.26
95° F	45° F	604,987	52.14	669,381	60.02	765,132	64.41	850,093	77.83
	-10° F	166,410	32.38	191,283	36.45	202,240	38.19	241,866	44.97
	0° F	217,048	36.51	247,869	41.23	266,734	43.57	314,312	51.41
	10° F	276,518	40.67	313,953	46.08	342,957	48.98	399,000	57.99
	20° F ⁶	345,445	44.83	390,073	50.96	432,195	54.37	496,661	64.70
	25° F	384,071	46.88	431,322	53.41	481,745	57.07	549,030	68.07
105° F	30° F	425,143	48.92	473,858	55.84	535,099	59.73	603,535	71.47
	45° F ⁶	557,857	54.92	615,148	63.03	707,186	67.66	-	-
	-10° F	149,447	33.12	172,240	37.35	179,830	38.73	216,661	45.96
	0° F	195,863	37.58	223,777	42.48	239,281	44.54	283,313	52.85
	10° F	250,219	42.07	283,731	47.68	309,476	50.39	361,009	59.91
	20° F	313,378	46.56	352,919	52.91	391,674	56.23	450,470	67.11
115° F	25° F	348,826	48.77	391,401	55.51	437,494	59.14	-	-
	30° F	386,506	50.98	-	-	487,160	62.01	-	-
	45° F	-	-	-	-	-	-	-	-
	-10° F	132,284	33.72	152,805	38.11	157,267	39.04	191,129	46.72
	0° F	-	-	-	-	-	-	-	-
	10° F	-	-	-	-	-	-	-	-

R449a - Med. Temp

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
“-” - Consult your local Century Representative.
NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for “M” and “H” models, and 5°F for “L” models. Failure to consider this may result in liquid line flashing and resultant poor system performance.
NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-449a - High Temp		Model Numbers^{5, 8}	
		NDB80H9A	NDB100H9A
Compressor Model Number		6GE-40	6FE-50
Quantity of Compressors		2	2
MCA¹ per circuit	208 V	223.5	272.1
	230 V	204.8	248.8
	460 V	102.4	124.4
	575 V	80.5	98.1
Compressor RLA (each)	208 V	155.9	194.8
	230 V	141.0	176.2
	460 V	70.5	88.1
	575 V	56.4	70.5
Total Number of Condenser Fan Motors		12	12
Size of Motor (HP)		1	1
Diameter of Blade (in.)		28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6
	230 V	4.6	4.6
	460 V	2.3	2.3
	575 V	1.6	1.6
Receiver Size per circuit (in.)		12x60	12x60
Receiver Capacity 80% Full per circuit (lbs.)²		202	202
Unit Operating Charge per circuit (approx. lbs.)	Standard³	209	209
	w/ Flood Control³	370	370
Suction Connection per circuit - ODS (in.)⁹		3 1/8	3 1/8
Liquid Line Connection per circuit - ODS (in.)		1 5/8	1 5/8
Unit Shipping Weight - Approximate (lbs.)		6,966	7,056
Unit Operating Weight - Approximate (lbs.)⁷		7,129	7,220

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.				
85° F	-10° F	313,904	56.12	381,025	65.34
	0° F	406,592	62.38	491,803	73.01
	10° F	515,459	68.65	620,839	80.78
	20° F	642,919	74.77	769,699	88.55
	25° F	713,652	77.78	851,650	92.43
	30° F	789,353	80.74	936,602	96.23
	45° F	1,041,087	89.19	1,212,365	107.55
95° F	-10° F	286,577	57.66	348,118	67.06
	0° F	372,046	64.54	450,180	75.43
	10° F	472,555	71.42	568,503	83.91
	20° F ⁶	589,321	78.23	704,899	92.39
	25° F	654,462	81.56	780,425	96.58
	30° F	724,713	84.80	860,445	100.73
105° F	45° F ⁶	959,777	94.18	1,114,993	113.00
	-10° F	258,523	58.97	313,949	68.51
	0° F	337,056	66.40	407,875	77.48
	10° F	428,630	73.88	516,012	86.59
	20° F	535,937	81.24	639,680	95.75
	25° F	595,127	84.90	708,330	100.27
115° F	30° F	659,525	88.44	781,393	104.75
	45° F	-	-	-	-
	-10° F	229,349	60.04	278,953	69.66
	0° F	300,989	67.97	-	-
	10° F	-	-	-	-
	20° F	-	-	-	-
	25° F	-	-	-	-
30° F	-	-	-	-	
45° F	157,547	18.76	26,534	7.68	

- 1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
- 2 - Based on 80% full at 90°F ambient.
- 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
- 4 - KW is for the unit.
- 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
- 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
- 7 - Operating weight reflects flooded refrigerant charge.
- 8 - Dual units are standard with dual electrical and refrigerant circuiting.
- 9 - Size based on mounted optional suction line trim.
- "-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-449a - High Temp		Model Numbers^{5, 8}			
		NSB05H9A	NSB06H9A	NSB08H9A	NSB09H9A
Compressor Model Number		4FES-5	4EES-6	4DES-7	4CES-9
Quantity of Compressors		1	1	1	1
MCA¹ per circuit	208 V	41.8	42.6	52.5	62.7
	230 V	38.4	39.1	48.5	57.7
	460 V	19.2	19.5	24.2	28.8
	575 V	15.1	15.4	18.9	22.6
Compressor RLA (each)	208 V	29.0	29.6	33.8	42.0
	230 V	26.2	26.8	30.6	38.0
	460 V	13.1	13.4	15.3	19.0
	575 V	10.5	10.7	12.2	15.2
Total Number of Condenser Fan Motors		1	1	2	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x42	8x42	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.)²		65	65	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard³	41	41	57	60
	w/ Flood Control³	72	86	98	100
Suction Connection per circuit - ODS (in.)⁹		1 3/8	1 5/8	1 5/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		5/8	5/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		1,350	1,500	1,598	1,732
Unit Operating Weight - Approximate (lbs.)⁷		1,305	1,455	1,554	1,687

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	22,375	4.20	27,894	4.95	32,854	6.72	40,664	7.84
	0° F	29,286	4.66	36,538	5.55	43,113	7.41	53,034	8.70
	10° F	37,595	5.11	46,930	6.14	55,460	8.07	67,817	9.56
	20° F	47,451	5.53	59,217	6.71	70,162	8.70	85,380	10.38
	25° F	53,032	5.73	66,171	6.98	78,472	9.00	95,207	10.79
	30° F	59,059	5.92	73,678	7.24	87,448	9.29	105,863	11.18
	45° F	79,983	6.43	99,724	7.97	118,702	10.06	142,798	12.29
95° F	-10° F	20,284	4.31	25,269	5.08	29,741	6.84	37,012	8.03
	0° F	26,696	4.82	33,261	5.75	39,232	7.61	48,421	9.00
	10° F	34,374	5.33	42,855	6.42	50,677	8.37	62,105	9.96
	20° F ⁶	43,524	5.81	54,289	7.06	64,297	9.10	78,346	10.91
	25° F	48,702	6.04	60,737	7.38	72,008	9.45	87,496	11.38
	30° F	54,334	6.26	67,703	7.69	80,399	9.79	97,440	11.84
	45° F ⁶	73,900	6.88	92,032	8.55	109,644	10.72	131,920	13.16
105° F	-10° F	18,229	4.40	22,670	5.19	26,660	6.93	33,370	8.18
	0° F	24,098	4.96	30,003	5.92	35,374	7.78	43,838	9.24
	10° F	31,159	5.52	38,824	6.66	45,873	8.62	56,370	10.32
	20° F	39,601	6.06	49,332	7.38	58,441	9.45	71,382	11.39
	25° F	44,407	6.32	55,311	7.73	65,601	9.85	79,862	11.92
	30° F	49,610	6.57	61,781	8.08	73,357	10.24	89,034	12.44
	45° F	67,820	7.28	84,410	9.07	100,595	11.33	121,066	13.96
115° F	-10° F	16,222	4.46	20,114	5.25	23,631	6.98	29,791	8.30
	0° F	21,547	5.06	26,781	6.04	31,529	7.90	39,307	9.45
	10° F	27,990	5.67	34,791	6.85	41,104	8.83	50,724	10.63
	20° F	35,694	6.27	-	-	52,616	9.75	-	-
	25° F	-	-	-	-	-	-	-	-
	30° F	-	-	-	-	-	-	-	-
	45° F	-	-	-	-	-	-	-	-

R449a - High Temp

- 1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
 - 2 - Based on 80% full at 90°F ambient.
 - 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
 - 4 - KW is for the unit.
 - 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
 - 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
 - 7 - Operating weight reflects flooded refrigerant charge.
 - 8 - Dual units are standard with dual electrical and refrigerant circuiting.
 - 9 - Size based on mounted optional suction line trim.
- “-” - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for “M” and “H” models, and 5°F for “L” models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-449a - High Temp		Model Numbers ^{5, 8}			
		NSB10H9A	NSB12H9A	NSB15H9A	NSB20H9A
Compressor Model Number		4VE(S)-10	4TE(S)-12	4PE(S)-15	4NE(S)-20
Quantity of Compressors		1	1	1	1
MCA ¹ per circuit	208 V	63.3	75.4	89.7	108.1
	230 V	58.2	69.2	82.6	99.6
	460 V	29.1	34.6	41.3	49.8
	575 V	22.8	27.2	32.3	38.9
Compressor RLA (each)	208 V	42.5	52.2	59.9	71.0
	230 V	38.4	47.2	54.2	64.2
	460 V	19.2	23.6	27.1	32.1
	575 V	15.4	18.9	21.7	25.7
Total Number of Condenser Fan Motors		2	2	3	4
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x42	8x60	8x60	10x60
Receiver Capacity 80% Full per circuit (lbs.) ²		65	94	94	144
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	68	99	100	110
	w/ Flood Control ³	129	181	181	230
Suction Connection per circuit - ODS (in.) ⁹		2 1/8	2 1/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		7/8	1 1/8	1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		1,934	2,057	2,154	2,476
Unit Operating Weight - Approximate (lbs.) ⁷		1,889	2,046	2,142	2,522

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	41,180	7.65	50,400	8.91	56,119	10.78	69,120	13.33
	0° F	54,645	8.51	66,406	9.96	74,665	12.03	91,082	14.72
	10° F	70,895	9.32	85,699	10.95	97,129	13.21	117,609	16.03
	20° F	90,321	10.06	108,743	11.87	123,928	14.31	149,259	17.24
	25° F	101,327	10.40	121,752	12.30	139,116	14.82	167,198	17.80
	30° F	113,227	10.73	135,897	12.70	155,540	15.30	186,719	18.31
95° F	45° F	154,824	11.56	185,007	13.76	212,697	16.61	254,783	19.65
	-10° F	37,014	7.76	45,574	9.09	50,213	10.91	62,590	13.54
	0° F	49,437	8.73	60,341	10.27	67,343	12.31	82,797	15.12
	10° F	64,385	9.66	78,146	11.40	87,984	13.66	107,282	16.62
	20° F ⁶	82,339	10.52	99,378	12.47	112,727	14.92	136,549	18.03
	25° F	92,564	10.93	111,456	12.97	126,729	15.53	153,223	18.68
105° F	30° F	103,561	11.31	124,526	13.45	141,991	16.10	171,287	19.31
	45° F ⁶	142,281	12.34	170,202	14.74	195,275	17.65	234,540	20.97
	-10° F	32,898	7.81	40,797	9.21	44,445	10.94	56,135	13.67
	0° F	44,244	8.90	54,334	10.52	60,058	12.50	74,662	15.42
	10° F	57,990	9.93	70,600	11.79	78,941	14.01	97,049	17.11
	20° F	74,494	10.92	90,164	12.99	101,639	15.44	123,946	18.71
115° F	25° F	83,810	11.38	101,244	13.56	114,559	16.13	139,253	19.47
	30° F	94,056	11.83	113,335	14.11	128,567	16.79	155,976	20.19
	45° F	129,842	13.04	155,629	15.62	177,868	18.60	214,603	22.16
	-10° F	28,855	7.81	36,094	9.26	38,759	10.89	49,789	13.71
	0° F	39,182	8.99	48,371	10.70	52,921	12.59	66,591	15.63
	10° F	51,650	10.14	63,166	12.10	69,994	14.26	86,890	17.50
115° F	20° F	66,648	11.24	80,938	13.44	90,657	15.85	111,429	19.29
	25° F	75,195	11.77	-	-	-	-	125,488	20.14
	30° F	-	-	-	-	-	-	-	-
	45° F	-	-	-	-	-	-	-	-

R449a - High Temp

- 1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
- 2 - Based on 80% full at 90°F ambient.
- 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
- 4 - KW is for the unit.
- 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
- 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
- 7 - Operating weight reflects flooded refrigerant charge.
- 8 - Dual units are standard with dual electrical and refrigerant circuiting.
- 9 - Size based on mounted optional suction line trim.
- "-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-449a - High Temp		Model Numbers^{5, 8}			
		NSB22H9A	NSB25H9A	NSB30H9A	NSB33H9A
Compressor Model Number		4JE-22	4HE-25	4GE-30	6JE-33
Quantity of Compressors		1	1	1	1
MCA¹ per circuit	208 V	114.2	135.8	162.2	182.6
	230 V	105.1	124.6	149.0	167.9
	460 V	52.6	62.3	74.5	83.9
	575 V	41.1	48.9	58.4	65.7
Compressor RLA (each)	208 V	75.9	93.1	110.6	123.2
	230 V	68.6	84.2	100.0	111.4
	460 V	34.3	42.1	50.0	55.7
	575 V	27.4	33.7	40.0	44.6
Total Number of Condenser Fan Motors		4	4	5	6
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		10x60	12x60	12x60	12x60
Receiver Capacity 80% Full per circuit (lbs.)²		144	202	202	202
Unit Operating Charge per circuit (approx. lbs.)	Standard³	122	156	175	188
	w/ Flood Control³	230	291	309	347
Suction Connection per circuit - ODS (in.)⁹		2 5/8	2 5/8	2 5/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	1 3/8	1 3/8
Unit Shipping Weight - Approximate (lbs.)		2,578	2,980	3,081	3,432
Unit Operating Weight - Approximate (lbs.)⁷		2,624	3,092	3,194	3,544

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	78,092	14.58	93,661	16.69	107,919	19.66	115,223	21.84
	0° F	102,610	16.15	122,119	18.46	140,348	21.69	151,554	24.14
	10° F	131,790	17.67	156,032	20.19	178,741	23.69	194,791	26.40
	20° F	166,172	19.15	195,959	21.85	223,971	25.61	246,011	28.56
	25° F	185,617	19.85	218,459	22.63	249,202	26.54	274,793	29.60
	30° F	206,437	20.53	242,677	23.39	276,471	27.44	305,997	30.59
95° F	45° F	278,618	22.43	326,241	25.50	370,508	29.92	413,921	33.37
	-10° F	70,524	14.90	85,265	17.16	98,475	20.22	104,044	22.27
	0° F	93,229	16.64	111,661	19.12	128,460	22.46	137,679	24.84
	10° F	120,296	18.35	142,979	21.06	163,875	24.68	177,905	27.36
	20° F ⁶	152,303	20.01	179,944	22.92	205,452	26.85	225,619	29.80
	25° F	170,324	20.80	200,730	23.82	228,941	27.88	252,543	30.97
105° F	30° F	189,740	21.58	223,254	24.69	254,033	28.90	281,595	32.12
	45° F ⁶	257,053	23.77	300,927	27.12	341,053	31.74	382,647	35.32
	-10° F	62,881	15.14	76,746	17.55	88,943	20.71	92,675	22.59
	0° F	83,831	17.04	100,968	19.70	116,260	23.15	123,788	25.40
	10° F	108,787	18.92	129,741	21.82	148,629	25.58	161,011	28.17
	20° F	138,215	20.76	163,723	23.89	186,774	27.95	205,074	30.87
115° F	25° F	154,918	21.65	182,922	24.89	208,209	29.10	230,144	32.18
	30° F	172,798	22.53	203,609	25.86	231,269	30.23	257,036	33.46
	45° F	235,389	24.98	275,594	28.59	311,500	33.39	351,481	37.06
	-10° F	55,232	15.29	68,113	17.88	79,195	21.13	81,305	22.79
	0° F	74,427	17.35	90,212	20.19	103,960	23.75	109,780	25.81
	10° F	97,183	19.40	116,436	22.49	133,263	26.37	143,989	28.81
115° F	20° F	124,132	21.41	147,439	24.74	-	-	184,551	31.76
	25° F	-	-	-	-	-	-	-	-
	30° F	-	-	-	-	-	-	-	-
	45° F	-	-	-	-	-	-	-	-

- 1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
- 2 - Based on 80% full at 90°F ambient.
- 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
- 4 - KW is for the unit.
- 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
- 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
- 7 - Operating weight reflects flooded refrigerant charge.
- 8 - Dual units are standard with dual electrical and refrigerant circuiting.
- 9 - Size based on mounted optional suction line trim.
- “-” - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for “M” and “H” models, and 5°F for “L” models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-449a - High Temp		Model Numbers^{5, 8}			
		NSB35H9A	NSB40H9A	NSB50H9A	NDB10H9A
Compressor Model Number		6HE-35	6GE-40	6FE-50	4FES-5
Quantity of Compressors		1	1	1	2
MCA¹ per circuit	208 V	194.7	223.5	272.1	41.8
	230 V	178.8	204.8	248.8	38.4
	460 V	89.4	102.4	124.4	19.2
	575 V	70.1	80.5	98.1	15.1
Compressor RLA (each)	208 V	132.9	155.9	194.8	29.0
	230 V	120.2	141.0	176.2	26.2
	460 V	60.1	70.5	88.1	13.1
	575 V	48.1	56.4	70.5	10.5
Total Number of Condenser Fan Motors		6	6	6	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		12x60	12x60	12x60	8x42
Receiver Capacity 80% Full per circuit (lbs.)²		202	202	202	65
Unit Operating Charge per circuit (approx. lbs.)	Standard³	188	209	209	41
	w/ Flood Control³	347	370	370	72
Suction Connection per circuit - ODS (in.)⁹		2 5/8	3 1/8	3 1/8	1 3/8
Liquid Line Connection per circuit - ODS (in.)		1 3/8	1 5/8	1 5/8	5/8
Unit Shipping Weight - Approximate (lbs.)		3,440	3,466	3,512	2,721
Unit Operating Weight - Approximate (lbs.)⁷		3,552	3,579	3,625	2,569

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	136,991	24.91	156,952	28.06	190,513	32.67	44,749	8.41
	0° F	178,264	27.65	203,296	31.19	245,901	36.50	58,572	9.33
	10° F	227,254	30.37	257,730	34.33	310,419	40.39	75,191	10.22
	20° F	284,819	33.02	321,459	37.38	384,850	44.27	94,902	11.06
	25° F	317,119	34.31	356,826	38.89	425,825	46.21	106,065	11.46
	30° F	351,626	35.60	394,676	40.37	468,301	48.12	118,117	11.84
95° F	45° F	470,684	39.21	520,543	44.59	606,183	53.77	159,966	12.87
	-10° F	124,590	25.56	143,289	28.83	174,059	33.53	40,569	8.63
	0° F	162,892	28.59	186,023	32.27	225,090	37.71	53,392	9.65
	10° F	208,266	31.61	236,278	35.71	284,251	41.96	68,747	10.66
	20° F ⁶	261,564	34.58	294,660	39.11	352,449	46.19	87,049	11.62
	25° F	291,383	36.05	327,231	40.78	390,213	48.29	97,404	12.09
105° F	30° F	323,654	37.47	362,357	42.40	430,222	50.36	108,667	12.53
	45° F ⁶	434,596	41.57	479,888	47.09	557,497	56.50	147,800	13.76
	-10° F	111,988	26.11	129,261	29.48	156,974	34.26	36,457	8.80
	0° F	147,313	29.40	168,528	33.20	203,937	38.74	48,196	9.92
	10° F	189,068	32.70	214,315	36.94	258,006	43.30	62,317	11.04
	20° F	238,096	35.98	267,968	40.62	319,840	47.87	79,202	12.12
115° F	25° F	265,637	37.59	297,563	42.45	354,165	50.13	88,814	12.64
	30° F	295,263	39.17	329,762	44.22	390,696	52.37	99,220	13.14
	45° F	398,012	43.73	-	-	-	-	135,641	14.56
	-10° F	99,223	26.54	114,674	30.02	139,476	34.83	32,444	8.91
	0° F	131,456	30.07	150,495	33.98	-	-	43,093	10.13
	10° F	169,590	33.64	-	-	-	-	55,980	11.34
	20° F	-	-	-	-	-	-	71,389	12.53
	25° F	-	-	-	-	-	-	-	-
	30° F	-	-	-	-	-	-	-	-
	45° F	-	-	-	-	-	-	-	-

R449a - High Temp

- 1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
- 2 - Based on 80% full at 90°F ambient.
- 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
- 4 - KW is for the unit.
- 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
- 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
- 7 - Operating weight reflects flooded refrigerant charge.
- 8 - Dual units are standard with dual electrical and refrigerant circuiting.
- 9 - Size based on mounted optional suction line trim.
- "-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-449a - High Temp		Model Numbers^{5, 8}			
		NDB12H9A	NDB16H9A	NDB18H9A	NDB20H9A
Compressor Model Number		4EES-6	4DES-7	4CES-9	4VE(S)-10
Quantity of Compressors		2	2	2	2
MCA¹ per circuit	208 V	42.6	52.5	62.7	63.3
	230 V	39.1	48.5	57.7	58.2
	460 V	19.5	24.2	28.8	29.1
	575 V	15.4	18.9	22.6	22.8
Compressor RLA (each)	208 V	29.6	33.8	42.0	42.5
	230 V	26.8	30.6	38.0	38.4
	460 V	13.4	15.3	19.0	19.2
	575 V	10.7	12.2	15.2	15.4
Total Number of Condenser Fan Motors		2	4	4	4
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x42	8x42	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.)²		65	65	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard³	41	57	60	68
	w/ Flood Control³	86	98	100	129
Suction Connection per circuit - ODS (in.)⁹		1 5/8	1 5/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		5/8	7/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		3,020	3,218	3,484	3,890
Unit Operating Weight - Approximate (lbs.)⁷		2,868	3,066	3,333	3,739

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	55,789	9.90	65,707	13.43	81,328	15.68	82,359	15.30
	0° F	73,077	11.10	86,226	14.81	106,069	17.41	109,290	17.02
	10° F	93,860	12.28	110,921	16.15	135,635	19.11	141,790	18.64
	20° F	118,433	13.41	140,324	17.41	170,760	20.76	180,642	20.12
	25° F	132,343	13.95	156,944	18.00	190,413	21.58	202,654	20.80
	30° F	147,356	14.48	174,896	18.58	211,727	22.36	226,454	21.45
95° F	-10° F	50,538	10.17	59,482	13.68	74,024	16.06	74,028	15.52
	0° F	66,522	11.51	78,463	15.23	96,843	17.99	98,875	17.46
	10° F	85,710	12.84	101,355	16.74	124,209	19.92	128,770	19.32
	20° F ⁶	108,578	14.13	128,594	18.20	156,691	21.83	164,678	21.05
	25° F	121,475	14.76	144,016	18.91	174,992	22.76	185,128	21.85
	30° F	135,406	15.37	160,798	19.58	194,880	23.67	207,123	22.63
105° F	45° F ⁶	184,064	17.10	219,288	21.45	263,841	26.31	284,561	24.67
	-10° F	45,339	10.37	53,319	13.86	66,741	16.37	65,795	15.63
	0° F	60,006	11.84	70,748	15.56	87,676	18.49	88,488	17.79
	10° F	77,649	13.31	91,746	17.25	112,739	20.64	115,980	19.87
	20° F	98,665	14.76	116,883	18.90	142,765	22.77	148,987	21.83
	25° F	110,622	15.47	131,203	19.70	159,725	23.83	167,621	22.77
115° F	30° F	123,562	16.16	146,714	20.48	178,067	24.88	188,112	23.65
	45° F	168,819	18.15	201,190	22.66	242,131	27.92	259,685	26.07
	-10° F	40,228	10.50	47,263	13.96	59,582	16.59	57,710	15.61
	0° F	53,562	12.09	63,058	15.80	78,615	18.89	78,364	17.98
	10° F	69,582	13.70	82,208	17.66	101,449	21.25	103,301	20.28
	20° F	-	-	105,231	19.49	-	-	133,297	22.48
25° F	-	-	-	-	-	-	150,391	23.53	
30° F	-	-	-	-	-	-	-	-	
45° F	-	-	-	-	-	-	-	-	

- 1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
- 2 - Based on 80% full at 90°F ambient.
- 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
- 4 - KW is for the unit.
- 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
- 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
- 7 - Operating weight reflects flooded refrigerant charge.
- 8 - Dual units are standard with dual electrical and refrigerant circuiting.
- 9 - Size based on mounted optional suction line trim.
- “-” - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for “M” and “H” models, and 5°F for “L” models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-449a - High Temp		Model Numbers ^{5, 8}			
		NDB24H9A	NDB30H9A	NDB40H9A	NDB44H9A
Compressor Model Number		4TE(S)-12	4PE(S)-15	4NE(S)-20	4JE-22
Quantity of Compressors		2	2	2	2
MCA ¹ per circuit	208 V	75.4	89.7	108.1	114.2
	230 V	69.2	82.6	99.6	105.1
	460 V	34.6	41.3	49.8	52.6
	575 V	27.2	32.3	38.9	41.1
Compressor RLA (each)	208 V	52.2	59.9	71.0	75.9
	230 V	47.2	54.2	64.2	68.6
	460 V	23.6	27.1	32.1	34.3
	575 V	18.9	21.7	25.7	27.4
Total Number of Condenser Fan Motors		4	6	8	8
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x60	8x60	10x60	10x60
Receiver Capacity 80% Full per circuit (lbs.) ²		94	94	144	144
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	99	100	110	122
	w/ Flood Control ³	181	181	230	230
Suction Connection per circuit - ODS (in.) ⁹		2 1/8	2 1/8	2 1/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		4,130	4,329	4,971	5,177
Unit Operating Weight - Approximate (lbs.) ⁷		4,045	4,244	5,001	5,207

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	100,799	17.82	112,237	21.56	138,240	26.66	156,184	29.16
	0° F	132,811	19.92	149,329	24.06	182,163	29.44	205,219	32.29
	10° F	171,398	21.90	194,259	26.42	235,218	32.06	263,581	35.35
	20° F	217,485	23.74	247,857	28.61	298,518	34.48	332,344	38.30
	25° F	243,504	24.59	278,232	29.64	334,396	35.59	371,235	39.69
	30° F	271,794	25.39	311,080	30.61	373,439	36.62	412,873	41.07
95° F	45° F	370,014	27.52	425,394	33.21	509,566	39.30	557,236	44.86
	-10° F	91,147	18.18	100,426	21.81	125,179	27.09	141,048	29.79
	0° F	120,682	20.54	134,686	24.62	165,595	30.24	186,459	33.28
	10° F	156,291	22.81	175,968	27.31	214,564	33.25	240,591	36.70
	20° F ⁶	198,756	24.94	225,455	29.85	273,098	36.06	304,607	40.01
	25° F	222,911	25.94	253,457	31.05	306,446	37.37	340,649	41.61
105° F	30° F	249,053	26.90	283,982	32.19	342,573	38.62	379,479	43.17
	45° F ⁶	340,404	29.48	390,550	35.30	469,080	41.95	514,106	47.54
	-10° F	81,594	18.42	88,890	21.88	112,271	27.34	125,761	30.27
	0° F	108,669	21.04	120,116	25.00	149,323	30.85	167,661	34.08
	10° F	141,200	23.58	157,883	28.01	194,099	34.23	217,574	37.85
	20° F	180,328	25.98	203,279	30.88	247,891	37.43	276,430	41.53
115° F	25° F	202,487	27.13	229,117	32.25	278,506	38.95	309,836	43.30
	30° F	226,670	28.23	257,134	33.57	311,951	40.39	345,595	45.06
	45° F	311,258	31.24	355,735	37.19	429,205	44.33	470,779	49.96
	-10° F	72,188	18.52	77,518	21.77	99,579	27.42	110,463	30.59
	0° F	96,741	21.39	105,842	25.18	133,182	31.26	148,853	34.70
	10° F	126,331	24.19	139,988	28.51	173,780	35.00	194,366	38.79
115° F	20° F	161,876	26.88	181,314	31.71	222,858	38.58	248,264	42.81
	25° F	-	-	-	-	250,976	40.28	-	-
	30° F	-	-	-	-	-	-	-	-
	45° F	-	-	-	-	-	-	-	-

R449a - High Temp

- 1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
- 2 - Based on 80% full at 90°F ambient.
- 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
- 4 - KW is for the unit.
- 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
- 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
- 7 - Operating weight reflects flooded refrigerant charge.
- 8 - Dual units are standard with dual electrical and refrigerant circuiting.
- 9 - Size based on mounted optional suction line trim.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-449a - High Temp		Model Numbers^{5, 8}			
		NDB50H9A	NDB60H9A	NDB66H9A	NDB70H9A
Compressor Model Number		4HE-25	4GE-30	6JE-33	6HE-35
Quantity of Compressors		2	2	2	2
MCA¹ per circuit	208 V	135.8	162.2	182.6	194.7
	230 V	124.6	149.0	167.9	178.8
	460 V	62.3	74.5	83.9	89.4
	575 V	48.9	58.4	65.7	70.1
Compressor RLA (each)	208 V	93.1	110.6	123.2	132.9
	230 V	84.2	100.0	111.4	120.2
	460 V	42.1	50.0	55.7	60.1
	575 V	33.7	40.0	44.6	48.1
Total Number of Condenser Fan Motors		8	10	12	12
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		12x60	12x60	12x60	12x60
Receiver Capacity 80% Full per circuit (lbs.)²		202	202	202	202
Unit Operating Charge per circuit (approx. lbs.)	Standard³	156	175	168	188
	w/ Flood Control³	291	309	347	347
Suction Connection per circuit - ODS (in.)⁹		2 5/8	2 5/8	2 5/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 3/8	1 3/8	1 3/8
Unit Shipping Weight - Approximate (lbs.)		5,993	6,194	6,897	6,913
Unit Operating Weight - Approximate (lbs.)⁷		6,156	6,357	7,060	7,076

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	187,322	33.38	215,838	39.32	230,445	43.67	273,982	49.81
	0° F	244,238	36.93	280,696	43.38	303,108	48.28	356,528	55.30
	10° F	312,064	40.38	357,481	47.38	389,583	52.80	454,507	60.74
	20° F	391,918	43.69	447,942	51.21	492,023	57.11	569,638	66.05
	25° F	436,918	45.27	498,404	53.08	549,586	59.19	634,237	68.63
	30° F	485,354	46.79	552,941	54.88	611,994	61.18	703,252	71.19
95° F	45° F	652,481	51.01	741,017	59.84	827,842	66.74	941,368	78.41
	-10° F	170,530	34.31	196,950	40.45	208,089	44.55	249,179	51.13
	0° F	223,323	38.24	256,921	44.93	275,358	49.68	325,784	57.18
	10° F	285,958	42.11	327,750	49.37	355,810	54.73	416,533	63.22
	20° F ⁶	359,888	45.85	410,904	53.69	451,239	59.60	523,127	69.17
	25° F	401,459	47.65	457,883	55.76	505,086	61.94	582,767	72.09
105° F	30° F	446,509	49.38	508,065	57.80	563,190	64.23	647,309	74.94
	45° F ⁶	601,854	54.24	682,106	63.47	765,294	70.65	869,191	83.14
	-10° F	153,493	35.11	177,885	41.42	185,351	45.19	223,976	52.22
	0° F	201,935	39.40	232,520	46.31	247,575	50.79	294,625	58.80
	10° F	259,481	43.65	297,258	51.16	322,022	56.33	378,135	65.41
	20° F	327,446	47.78	373,548	55.90	410,148	61.74	476,192	71.95
115° F	25° F	365,843	49.77	416,419	58.21	460,288	64.35	531,275	75.17
	30° F	407,219	51.72	462,538	60.46	514,071	66.92	590,527	78.35
	45° F	551,187	57.18	623,001	66.77	702,961	74.11	796,024	87.46
	-10° F	136,227	35.76	158,389	42.26	162,610	45.58	198,446	53.08
	0° F	180,425	40.38	207,919	47.50	219,561	51.62	262,911	60.15
	10° F	232,873	44.97	266,525	52.73	287,978	57.63	339,180	67.29
	20° F	294,879	49.47	-	-	369,102	63.53	-	-
	25° F	-	-	-	-	-	-	-	-
	30° F	-	-	-	-	-	-	-	-
	45° F	-	-	-	-	-	-	-	-

- 1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
- 2 - Based on 80% full at 90°F ambient.
- 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
- 4 - KW is for the unit.
- 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
- 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
- 7 - Operating weight reflects flooded refrigerant charge.
- 8 - Dual units are standard with dual electrical and refrigerant circuiting.
- 9 - Size based on mounted optional suction line trim.
- “-” - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for “M” and “H” models, and 5°F for “L” models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-449a - High Temp		Model Numbers^{5, 8}	
		NDB80H9A	NDB100H9A
Compressor Model Number		6GE-40	6FE-50
Quantity of Compressors		2	2
MCA¹ per circuit	208 V	223.5	272.1
	230 V	204.8	248.8
	460 V	102.4	124.4
	575 V	80.5	98.1
Compressor RLA (each)	208 V	155.9	194.8
	230 V	141.0	176.2
	460 V	70.5	88.1
	575 V	56.4	70.5
Total Number of Condenser Fan Motors		12	12
Size of Motor (HP)		1	1
Diameter of Blade (in.)		28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6
	230 V	4.6	4.6
	460 V	2.3	2.3
	575 V	1.6	1.6
Receiver Size per circuit (in.)		12x60	12x60
Receiver Capacity 80% Full per circuit (lbs.)²		202	202
Unit Operating Charge per circuit (approx. lbs.)	Standard³	209	209
	w/ Flood Control³	370	370
Suction Connection per circuit - ODS (in.)⁹		3 1/8	3 1/8
Liquid Line Connection per circuit - ODS (in.)		1 5/8	1 5/8
Unit Shipping Weight - Approximate (lbs.)		6,966	7,056
Unit Operating Weight - Approximate (lbs.)⁷		7,129	7,220

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.				
85° F	-10° F	313,904	56.12	381,025	65.34
	0° F	406,592	62.38	491,803	73.01
	10° F	515,459	68.65	620,839	80.78
	20° F	642,919	74.77	769,699	88.55
	25° F	713,652	77.78	851,650	92.43
	30° F	789,353	80.74	936,602	96.23
95° F	45° F	1,041,087	89.19	1,212,365	107.55
	-10° F	286,577	57.66	348,118	67.06
	0° F	372,046	64.54	450,180	75.43
	10° F	472,555	71.42	568,503	83.91
	20° F ⁶	589,321	78.23	704,899	92.39
	25° F	654,462	81.56	780,425	96.58
105° F	30° F	724,713	84.80	860,445	100.73
	45° F ⁶	959,777	94.18	1,114,993	113.00
	-10° F	258,523	58.97	313,949	68.51
	0° F	337,056	66.40	407,875	77.48
	10° F	428,630	73.88	516,012	86.59
	20° F	535,937	81.24	639,680	95.75
115° F	25° F	595,127	84.90	708,330	100.27
	30° F	659,525	88.44	781,393	104.75
	45° F	-	-	-	-
	-10° F	229,349	60.04	278,953	69.66
	0° F	300,989	67.97	-	-
	10° F	-	-	-	-
115° F	20° F	-	-	-	-
	25° F	-	-	-	-
	30° F	-	-	-	-
	45° F	157,547	18.76	26,534	7.68

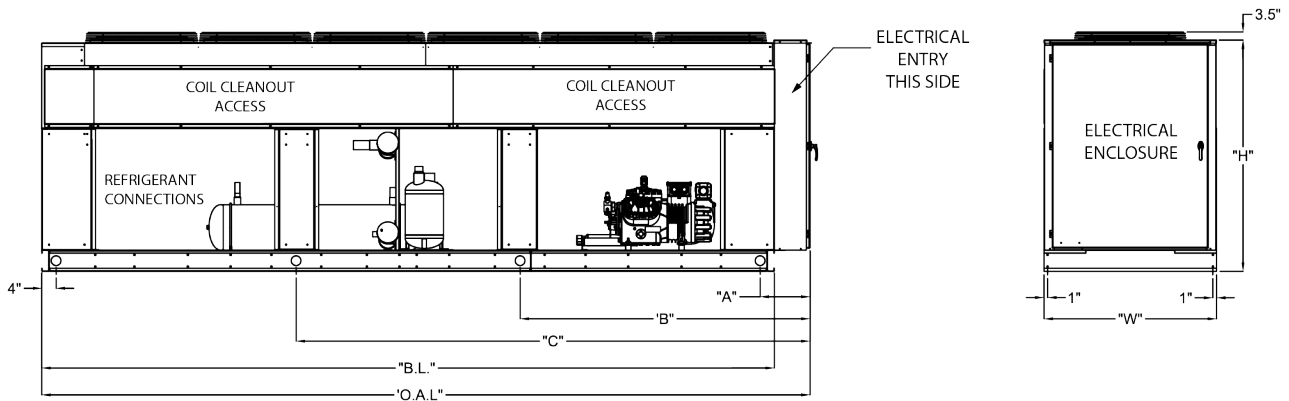
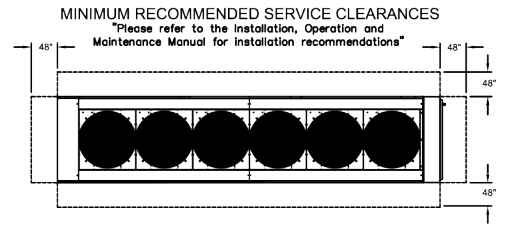
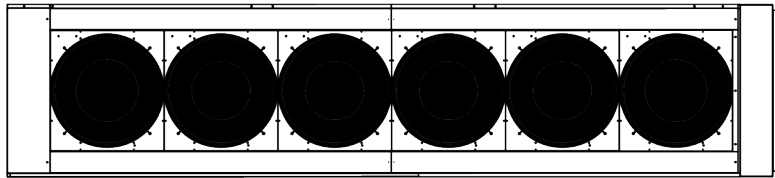
R449a - High Temp

- 1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
- 2 - Based on 80% full at 90°F ambient.
- 3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
- 4 - KW is for the unit.
- 5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
- 6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
- 7 - Operating weight reflects flooded refrigerant charge.
- 8 - Dual units are standard with dual electrical and refrigerant circuiting.
- 9 - Size based on mounted optional suction line trim.
- "-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

NSB Dimensions



- ⌀ 2 1/2" DIA. RIGGING HOLES
- * 5/8" DIA. UNIT MOUNTING HOLES
- ALL DIMENSIONS +/- 1/2"

High Temp Models

Unit Model	O.A.L.	B.L.	W	H	A	B	C
NSB05H	88	78	48 1/2	65	4	-	-
NSB06H	88	78	48 1/2	65	4	-	-
NSB08H	88	78	48 1/2	65	4	-	-
NSB09H	120	110	48 1/2	65	4	55	-
NSB10H	120	110	48 1/2	65	4	55	-
NSB12H	120	110	48 1/2	65	4	55	-
NSB15H	120	110	48 1/2	65	4	55	-
NSB20H	152	142	48 1/2	65	4	71	-
NSB22H	152	142	48 1/2	65	4	71	-
NSB25H	184	174	48 1/2	65	4	61	113
NSB30H	184	174	48 1/2	65	4	61	113
NSB33H	216	206	48 1/2	65	4	71.5	134.5
NSB35H	216	206	48 1/2	65	4	71.5	135
NSB40H	216	206	48 1/2	65	4	71.5	134.5
NSB50H	216	206	48 1/2	65	4	71.5	135

¹ All dimensions in inches

Medium Temp Models

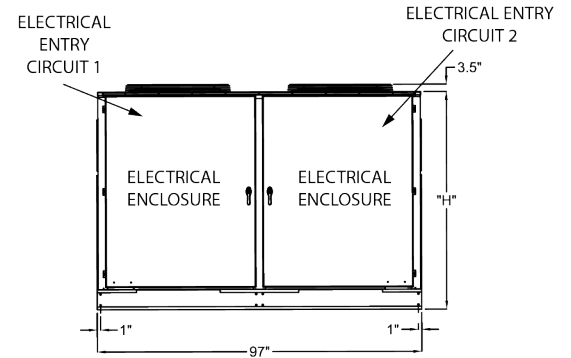
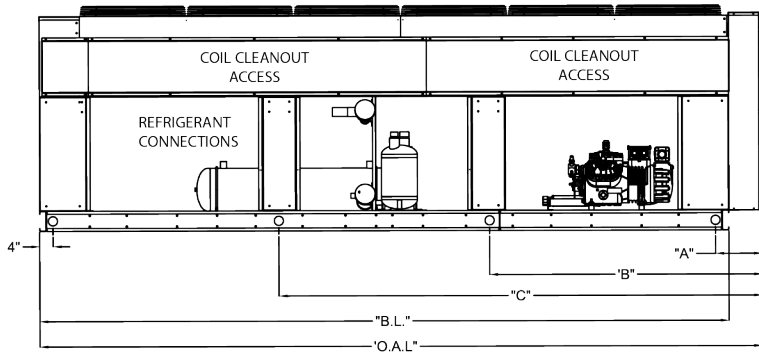
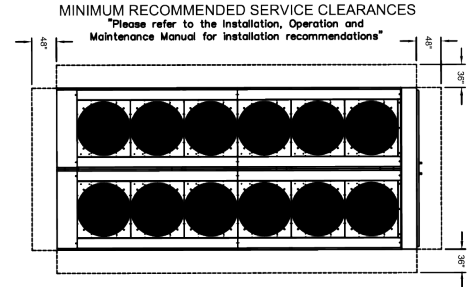
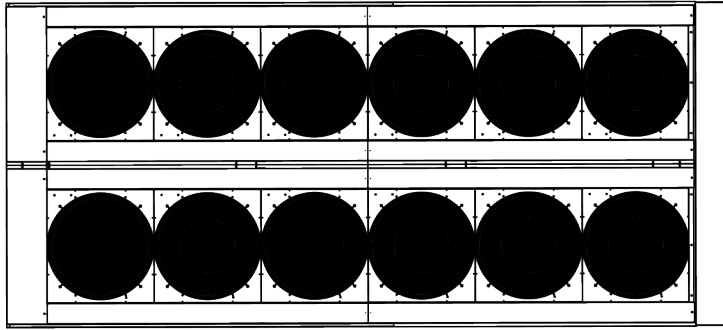
Unit Model	O.A.L.	B.L.	W	H	A	B	C
NSB05M	88	78	48 1/2	65	4	-	-
NSB06M	88	78	48 1/2	65	4	-	-
NSB08M	88	78	48 1/2	65	4	-	-
NSB09M	88	78	48 1/2	65	4	-	-
NSB10M	88	78	48 1/2	65	4	-	-
NSB12M	88	78	48 1/2	65	4	-	-
NSB15M	88	78	48 1/2	65	4	-	-
NSB20M	88	78	48 1/2	65	4	-	-
NSB22M	120	110	48 1/2	65	4	55	-
NSB25M	120	110	48 1/2	65	4	55	-
NSB30M	120	110	48 1/2	65	4	55	-
NSB33M	152	142	48 1/2	65	4	71	-
NSB35M	152	142	48 1/2	65	4	71	-
NSB40M	184	174	48 1/2	65	4	61	113
NSB50M	184	174	48 1/2	65	4	61	113

Low Temp Models

Unit Model	O.A.L.	B.L.	W	H	A	B	C
NSB03L	88	78	48 1/2	65	4	-	-
NSB04L	88	78	48 1/2	65	4	-	-
NSB05L	88	78	48 1/2	65	4	-	-
NSB06L	88	78	48 1/2	65	4	-	-
NSB08L	88	78	48 1/2	65	4	-	-
NSB10L	88	78	48 1/2	65	4	-	-
NSB12L	88	78	48 1/2	65	4	-	-
NSB13L	88	78	48 1/2	65	4	-	-
NSB15L	88	78	48 1/2	65	4	-	-
NSB20L	120	110	48 1/2	65	4	55	-
NSB22L	120	110	48 1/2	65	4	55	-
NSB25L	152	142	48 1/2	65	4	71	-
NSB30L	152	142	48 1/2	65	4	71	-
NSB40L	184	174	48 1/2	65	4	61	113

¹ All dimensions in inches

NDB Dimensions



- ⌀ 2 1/2" DIA. RIGGING HOLES
- * 5/8" DIA. UNIT MOUNTING HOLES
- ALL DIMENSIONS +/- 1/2"

High Temp Models

Unit Model	O.A.L.	B.L.	W	H	A	B	C
NDB10H	88	78	97	65	4	-	-
NDB12H	88	78	97	65	4	-	-
NDB16H	88	78	97	65	4	-	-
NDB18H	120	110	97	65	4	55	-
NDB20H	120	110	97	65	4	55	-
NDB24H	120	110	97	65	4	55	-
NDB30H	120	110	97	65	4	55	-
NDB40H	152	142	97	65	4	71	-
NDB44H	152	142	97	65	4	71	-
NDB50H	184	174	97	65	4	61	113
NDB60H	184	174	97	65	4	61	113
NDB66H	216	206	97	65	4	71.5	134.5
NDB70H	216	206	97	65	4	71.5	135
NDB80H	216	206	97	65	4	71.5	134.5
NDB100H	216	206	97	65	4	71.5	135

¹ All dimensions in inches

Medium Temp Models

Unit Model	O.A.L.	B.L.	W	H	A	B	C
NDB10M	88	78	97	65	4	-	-
NDB12M	88	78	97	65	4	-	-
NDB16M	88	78	97	65	4	-	-
NDB18M	88	78	97	65	4	-	-
NDB20M	88	78	97	65	4	-	-
NDB24M	88	78	97	65	4	-	-
NDB30M	88	78	97	65	4	-	-
NDB40M	88	78	97	65	4	-	-
NDB44M	120	110	97	65	4	55	-
NDB50M	120	110	97	65	4	55	-
NDB60M	120	110	97	65	4	55	-
NDB66M	152	142	97	65	4	71	-
NDB70M	152	142	97	65	4	71	-
NDB80M	184	174	97	65	4	61	113
NDB100M	184	174	97	65	4	61	113

Low Temp Models

Unit Model	O.A.L.	B.L.	W	H	A	B	C
NDB06L	88	78	97	65	4	-	-
NDB08L	88	78	97	65	4	-	-
NDB10L	88	78	97	65	4	-	-
NDB12L	88	78	97	65	4	-	-
NDB16L	88	78	97	65	4	-	-
NDB20L	88	78	97	65	4	-	-
NDB24L	88	78	97	65	4	-	-
NDB26L	88	78	97	65	4	-	-
NDB30L	88	78	97	65	4	-	-
NDB40L	120	110	97	65	4	55	-
NDB44L	120	110	97	65	4	55	-
NDB50L	152	142	97	65	4	71	-
NDB60L	152	142	97	65	4	71	-
NDB80L	184	174	97	65	4	61	113

¹ All dimensions in inches

Product Benefits:

Adaptability

Century systems go where others can't. Your Century system is engineered to meet your specific project application and job requirements in-house with no need for modification in the field. With Century's extensive inventory of components, your order can be shipped when you need it.

Durability

Your Century system will be built with heavy gauge construction and the highest quality components to optimize efficiency for the life expectancy of your system. Century systems are engineered for Time Tested Toughness.

Serviceability

Your Century system will have easily accessible components and appropriate fin spacing to allow for easy maintenance. Century systems are engineered to be serviceable with a minimal amount of OEM components. A large inventory of replacement parts ensures professional, reliable service throughout the lifetime of your Century system.

Reduced Total Cost of Ownership

The adaptability, durability, and serviceability of your Century system results in reduced installation costs, maintenance costs, and utility costs throughout the lifetime of your system. Century systems are designed for customers requiring long-term, dependable systems.

The current refrigeration market...

Commercial Refrigeration

- Shipped from stock
- No modifications available; one size fits all equipment
- Lightweight construction
- Convenience store and restaurant applications
- Options/kits shipped loose for field assembly installation
- Cheaper, lower quality materials

Industrial Refrigeration

- Central refrigeration plant
- Dedicated mechanical rooms
- Stationary Engineer requirements
- PLC (Microprocessor) controls
- Steel construction
- Requires extensive piping in the field

now
presenting...

Comdustrial™ Refrigeration

Comdustrial™ Refrigeration Systems are the ideal balance of the commercial and industrial refrigeration markets.

- Industrial quality equipment in Commercial capacity ranges
- Built-to-order refrigeration systems with exceptional lead times
- Professionally represented by systems oriented Sales Representatives
- Systems based approach to your application
- Project specific submittal packages and drawings
- Quality materials for long-term equipment life

ABOUT RAE CORPORATION

RAE Corporation was founded in 1971 and is located in the MidAmerica Industrial Park in Pryor, Oklahoma. RAE employs more than 350 people, is represented throughout the country and markets equipment throughout the world. RAE manufactures air and water cooled condensing units, air and water cooled chillers, air cooled condensers, fluid coolers, heat transfer coils, industrial coils, unit coolers, corrosive environment equipment and an assortment of other engineered cooling systems, all of which are either UL- or ETL-approved. RAE has five divisions: Technical Systems, Refrigeration Systems, Century Refrigeration, RAE Coils and ZeroCool Systems.



4492 Hunt St. - Pryor, OK 74361 - (918) 825-7222 - Fax (800) 264-5329

www.century-refrigeration.com

We reserve the right to change or revise specifications and product design in connection with any feature of our products. Such changes do not entitle the buyer to corresponding changes, improvements, additions or replacement for equipment previously sold or shipped.